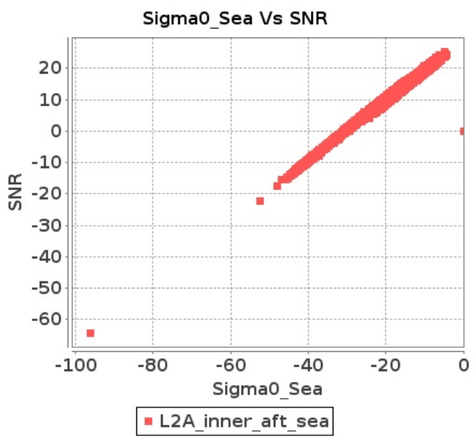
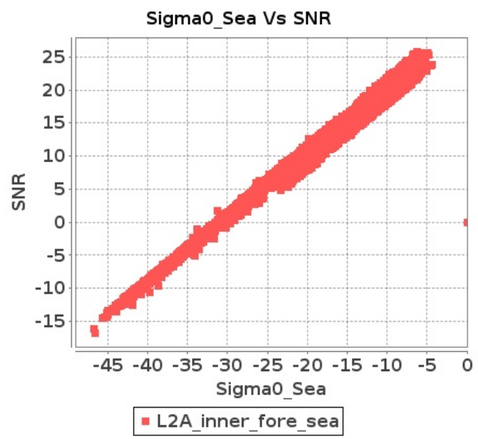
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-NOV-2018 To 28-NOV-2018

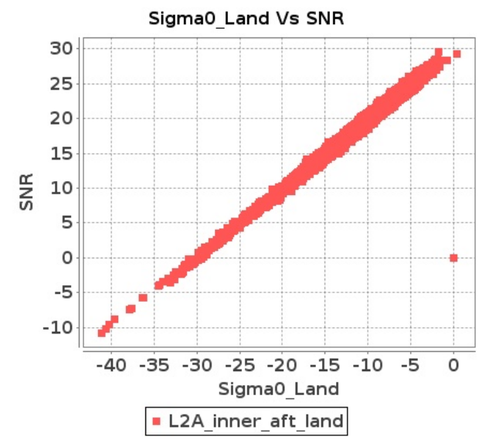
## Inner Sea Aft Sigma0VsSNR



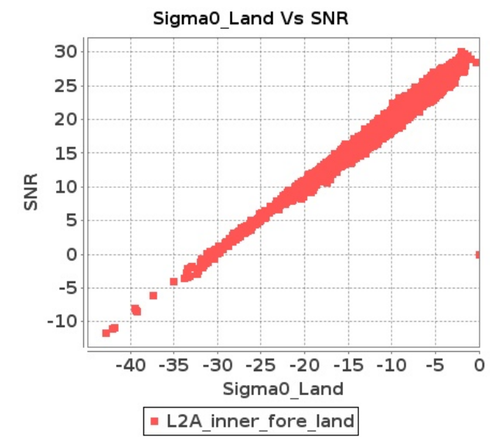

## Inner Sea Fore Sigma0VsSNR



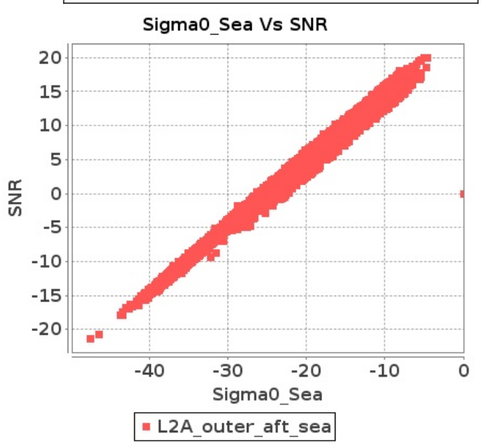

## Inner Land Aft Sigma0VsSNR



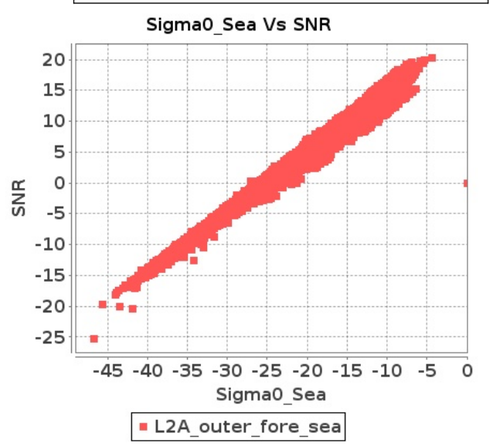

## Inner Land Fore Sigma0VsSNR



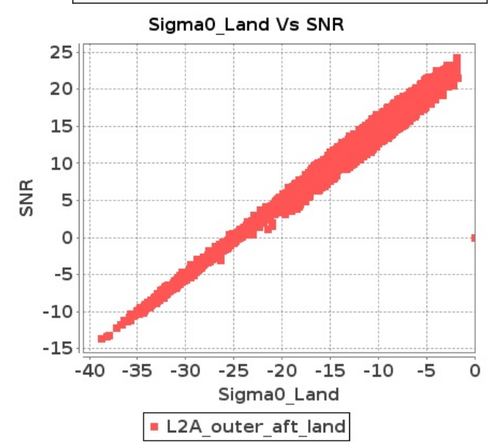

## Outer Sea Aft Sigma0VsSNR



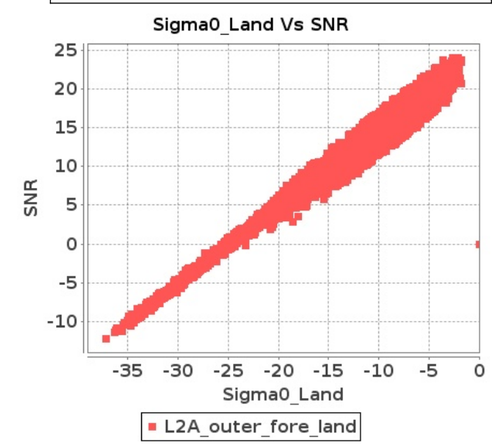

## Outer Sea Fore Sigma0VsSNR




## Outer Land Aft Sigma0VsSNR




## Outer Land Fore Sigma0VsSNR



# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-NOV-2018 To 28-NOV-2018

| | | | | | SNR | | | | | | | | | | | | Sigma0 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 11480 | 11481 | SN | 1 | 0.0 | 38.721 | 0.947 | 0.0 | 45.197 | 1.103 | 0.0 | 37.1 | 1.01 | 0.0 | 39.889 | 1.427 | 0.0 | 38.91 | 0.986 | 0.0 | 45.28 | 0.999 | 0.0 | 36.733 | 0.991 | 0.0 | 40.311 | 1.308 |
| 2 | 11480 | 11481 | SN | 1 | 0.0 | 39.377 | 0.917 | 0.0 | 41.617 | 1.048 | 0.0 | 41.583 | 0.952 | 0.0 | 40.157 | 1.323 | 0.0 | 38.984 | 0.94 | 0.0 | 41.443 | 0.933 | 0.0 | 41.217 | 0.931 | 0.0 | 35.724 | 1.201 |
| 3 | 11480 | 11481 | SN | 1 | 0.0 | 38.418 | 4.112 | 0.0 | 39.763 | 4.339 | 0.0 | 40.685 | 3.411 | 0.0 | 47.609 | 4.482 | 0.0 | 39.576 | 4.33 | 0.0 | 40.348 | 4.23 | 0.0 | 40.788 | 3.434 | 0.0 | 46.602 | 4.084 |
| 4 | 11480 | 11481 | SN | 1 | 0.0 | 41.515 | 3.817 | 0.0 | 39.763 | 4.041 | 0.0 | 40.685 | 3.185 | 0.0 | 47.609 | 4.175 | 0.0 | 40.133 | 4.009 | 0.0 | 40.348 | 3.929 | 0.0 | 40.788 | 3.178 | 0.0 | 46.602 | 3.798 |
| 5 | 11480 | 11481 | SN | 1 | 0.0 | 44.368 | 3.817 | 0.0 | 40.422 | 4.071 | 0.0 | 39.622 | 3.227 | 0.0 | 41.665 | 4.111 | 0.0 | 44.595 | 4.009 | 0.0 | 40.371 | 4.0 | 0.0 | 40.403 | 3.178 | 0.0 | 39.267 | 3.713 |
| 6 | 11480 | 11481 | SN | 1 | 0.0 | 38.721 | 0.89 | 0.0 | 45.197 | 1.027 | 0.0 | 37.1 | 0.943 | 0.0 | 39.889 | 1.327 | 0.0 | 38.91 | 0.924 | 0.0 | 45.28 | 0.928 | 0.0 | 36.733 | 0.927 | 0.0 | 40.311 | 1.215 |
| 7 | 11481 | 11482 | NS | 1 | 0.0 | 46.087 | 1.842 | 0.0 | 45.369 | 2.321 | 0.0 | 42.872 | 1.477 | 0.0 | 42.889 | 1.976 | 0.0 | 47.666 | 1.819 | 0.0 | 47.899 | 2.167 | 0.0 | 42.851 | 1.388 | 0.0 | 43.691 | 1.629 |
| 8 | 11481 | 11482 | SN | 1 | 0.0 | 52.535 | 4.391 | 0.0 | 54.094 | 5.032 | 0.0 | 43.058 | 3.432 | 0.0 | 43.418 | 4.138 | 0.0 | 52.705 | 4.462 | 0.0 | 54.883 | 4.566 | 0.0 | 45.739 | 3.169 | 0.0 | 42.081 | 3.732 |
| 9 | 11481 | 11482 | SN | 1 | 0.0 | 48.229 | 1.072 | 0.0 | 49.651 | 1.395 | 0.0 | 39.927 | 0.835 | 0.0 | 42.01 | 1.197 | 0.0 | 48.742 | 1.07 | 0.0 | 46.357 | 1.312 | 0.0 | 37.096 | 0.755 | 0.0 | 40.932 | 1.03 |
| 10 | 11481 | 11482 | NS | 1 | 0.0 | 52.035 | 6.917 | 0.0 | 55.745 | 8.172 | 0.0 | 52.337 | 5.122 | 0.0 | 48.925 | 6.723 | 0.0 | 52.049 | 6.938 | 0.0 | 56.845 | 7.908 | 0.0 | 51.889 | 4.824 | 0.0 | 50.715 | 6.103 |
| 11 | 11481 | 11482 | NS | 1 | 0.0 | 52.309 | 6.887 | 0.0 | 55.678 | 8.152 | 0.0 | 52.36 | 5.101 | 0.0 | 48.925 | 6.751 | 0.0 | 52.472 | 6.907 | 0.0 | 56.777 | 7.918 | 0.0 | 51.912 | 4.902 | 0.0 | 50.715 | 6.124 |
| 12 | 11481 | 11482 | SN | 1 | 0.0 | 52.535 | 4.391 | 0.0 | 54.094 | 5.032 | 0.0 | 43.058 | 3.432 | 0.0 | 43.418 | 4.138 | 0.0 | 52.705 | 4.462 | 0.0 | 54.883 | 4.566 | 0.0 | 45.739 | 3.169 | 0.0 | 42.081 | 3.732 |
| 13 | 11481 | 11482 | SN | 1 | 0.0 | 52.535 | 4.493 | 0.0 | 54.094 | 5.15 | 0.0 | 43.058 | 3.521 | 0.0 | 43.418 | 4.235 | 0.0 | 52.705 | 4.576 | 0.0 | 54.883 | 4.672 | 0.0 | 45.739 | 3.244 | 0.0 | 42.081 | 3.82 |
| 14 | 11481 | 11482 | SN | 1 | 0.0 | 48.229 | 1.072 | 0.0 | 49.651 | 1.395 | 0.0 | 39.927 | 0.835 | 0.0 | 42.01 | 1.197 | 0.0 | 48.742 | 1.07 | 0.0 | 46.357 | 1.312 | 0.0 | 37.096 | 0.755 | 0.0 | 40.932 | 1.03 |
| 15 | 11481 | 11482 | SN | 1 | 0.0 | 48.229 | 1.1 | 0.0 | 49.651 | 1.43 | 0.0 | 39.927 | 0.864 | 0.0 | 42.01 | 1.219 | 0.0 | 48.742 | 1.098 | 0.0 | 46.357 | 1.344 | 0.0 | 37.096 | 0.775 | 0.0 | 40.932 | 1.054 |
| 16 | 11481 | 11482 | NS | 1 | 0.0 | 46.087 | 1.842 | 0.0 | 45.42 | 2.31 | 0.0 | 42.965 | 1.446 | 0.0 | 42.889 | 1.96 | 0.0 | 47.666 | 1.815 | 0.0 | 48.155 | 2.163 | 0.0 | 42.851 | 1.342 | 0.0 | 43.691 | 1.618 |
| 17 | 11482 | 11483 | SN | 1 | 0.0 | 44.656 | 3.386 | 0.0 | 54.996 | 4.378 | 0.0 | 41.424 | 3.631 | 0.0 | 42.722 | 4.667 | 0.0 | 44.94 | 3.355 | 0.0 | 55.937 | 4.306 | 0.0 | 42.087 | 3.523 | 0.0 | 43.77 | 4.429 |
| 18 | 11482 | 11483 | NS | 1 | 0.0 | 47.262 | 4.449 | 0.0 | 57.992 | 4.966 | 0.0 | 42.479 | 4.39 | 0.0 | 50.562 | 4.734 | 0.0 | 48.116 | 4.459 | 0.0 | 59.85 | 4.671 | 0.0 | 42.955 | 4.233 | 0.0 | 47.147 | 4.32 |
| 19 | 11482 | 11483 | NS | 1 | 0.0 | 47.267 | 4.173 | 0.0 | 55.2 | 5.14 | 0.0 | 42.711 | 4.416 | 0.0 | 50.446 | 4.779 | 0.0 | 47.754 | 4.245 | 0.0 | 58.334 | 4.754 | 0.0 | 42.215 | 4.139 | 0.0 | 50.317 | 4.279 |
| 20 | 11482 | 11483 | SN | 1 | 0.0 | 44.503 | 3.396 | 0.0 | 55.528 | 4.356 | 0.0 | 43.729 | 3.566 | 0.0 | 42.7 | 4.683 | 0.0 | 44.856 | 3.355 | 0.0 | 56.47 | 4.326 | 0.0 | 42.993 | 3.509 | 0.0 | 43.747 | 4.446 |
| 21 | 11482 | 11483 | SN | 1 | 0.0 | 44.503 | 3.353 | 0.0 | 55.528 | 4.312 | 0.0 | 43.729 | 3.519 | 0.0 | 42.7 | 4.635 | 0.0 | 44.856 | 3.312 | 0.0 | 56.47 | 4.282 | 0.0 | 42.993 | 3.462 | 0.0 | 43.747 | 4.401 |
| 22 | 11482 | 11483 | NS | 1 | 0.0 | 43.027 | 1.326 | 0.0 | 50.412 | 1.523 | 0.0 | 40.234 | 1.336 | 0.0 | 45.903 | 1.561 | 0.0 | 43.57 | 1.326 | 0.0 | 48.912 | 1.451 | 0.0 | 39.937 | 1.238 | 0.0 | 42.712 | 1.392 |
| 23 | 11482 | 11483 | NS | 1 | 0.0 | 44.144 | 1.224 | 0.0 | 54.122 | 1.522 | 0.0 | 45.287 | 1.313 | 0.0 | 40.191 | 1.538 | 0.0 | 46.089 | 1.226 | 0.0 | 53.355 | 1.406 | 0.0 | 44.136 | 1.265 | 0.0 | 41.296 | 1.403 |
| 24 | 11482 | 11483 | SN | 1 | 0.0 | 47.074 | 1.051 | 0.0 | 40.931 | 1.406 | 0.0 | 36.859 | 1.136 | 0.0 | 40.51 | 1.578 | 0.0 | 45.388 | 1.046 | 0.0 | 39.965 | 1.369 | 0.0 | 37.065 | 1.089 | 0.0 | 39.793 | 1.461 |
| 25 | 11482 | 11483 | SN | 1 | 0.0 | 47.074 | 1.056 | 0.0 | 40.931 | 1.393 | 0.0 | 36.859 | 1.114 | 0.0 | 40.51 | 1.565 | 0.0 | 45.388 | 1.04 | 0.0 | 39.965 | 1.37 | 0.0 | 36.389 | 1.071 | 0.0 | 39.863 | 1.44 |
| 26 | 11482 | 11483 | SN | 1 | 0.0 | 47.074 | 1.042 | 0.0 | 40.931 | 1.377 | 0.0 | 36.859 | 1.099 | 0.0 | 40.51 | 1.549 | 0.0 | 45.388 | 1.026 | 0.0 | 39.965 | 1.354 | 0.0 | 36.389 | 1.057 | 0.0 | 39.863 | 1.423 |
| 27 | 11483 | 11484 | SN | 1 | 0.0 | 39.868 | 1.914 | 0.0 | 49.365 | 2.7 | 0.0 | 39.325 | 2.469 | 0.0 | 38.16 | 3.321 | 0.0 | 40.508 | 1.914 | 0.0 | 49.915 | 2.406 | 0.0 | 37.381 | 2.22 | 0.0 | 39.837 | 2.723 |
| 28 | 11483 | 11484 | NS | 1 | 0.0 | 54.406 | 5.2 | 0.0 | 49.077 | 7.073 | 0.0 | 35.997 | 4.36 | 0.0 | 40.224 | 5.632 | 0.0 | 54.387 | 5.119 | 0.0 | 47.412 | 7.063 | 0.0 | 35.446 | 4.545 | 0.0 | 42.545 | 5.725 |
| 29 | 11483 | 11484 | SN | 1 | 0.0 | 39.602 | 0.55 | 0.0 | 41.868 | 0.758 | 0.0 | 37.249 | 0.823 | 0.0 | 43.551 | 1.247 | 0.0 | 38.936 | 0.53 | 0.0 | 40.463 | 0.656 | 0.0 | 35.085 | 0.745 | 0.0 | 43.021 | 0.976 |
| 30 | 11483 | 11484 | SN | 1 | 0.0 | 39.602 | 0.55 | 0.0 | 40.879 | 0.76 | 0.0 | 37.249 | 0.825 | 0.0 | 43.551 | 1.248 | 0.0 | 38.936 | 0.53 | 0.0 | 40.463 | 0.656 | 0.0 | 35.085 | 0.749 | 0.0 | 43.021 | 0.984 |
| 31 | 11483 | 11484 | NS | 1 | 0.0 | 46.698 | 1.362 | 0.0 | 41.159 | 2.022 | 0.0 | 35.903 | 1.298 | 0.0 | 39.37 | 1.757 | 0.0 | 46.94 | 1.35 | 0.0 | 41.874 | 1.963 | 0.0 | 38.557 | 1.265 | 0.0 | 40.997 | 1.736 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 11483 | 11484 | SN | 1 | 0.0 | 39.868 | 1.904 | 0.0 | 49.679 | 2.7 | 0.0 | 40.909 | 2.447 | 0.0 | 41.258 | 3.306 | 0.0 | 40.508 | 1.914 | 0.0 | 50.229 | 2.416 | 0.0 | 38.605 | 2.22 | 0.0 | 39.837 | 2.688 |
| 33 | 11484 | 11485 | SN | 1 | 0.0 | 49.266 | 3.332 | 0.0 | 51.036 | 4.233 | 0.0 | 41.299 | 4.086 | 0.0 | 41.395 | 5.112 | 0.0 | 48.603 | 3.413 | 0.0 | 52.391 | 3.725 | 0.0 | 40.345 | 3.852 | 0.0 | 39.612 | 4.494 |
| 34 | 11484 | 11485 | NS | 1 | 0.0 | 45.548 | 1.189 | 0.0 | 55.406 | 1.824 | 0.0 | 41.064 | 1.108 | 0.0 | 40.377 | 1.527 | 0.0 | 47.301 | 1.223 | 0.0 | 52.577 | 1.752 | 0.0 | 44.924 | 1.113 | 0.0 | 39.162 | 1.488 |
| 35 | 11484 | 11485 | NS | 1 | 0.0 | 52.593 | 4.588 | 0.0 | 48.543 | 6.399 | 0.0 | 43.823 | 3.698 | 0.0 | 42.278 | 5.225 | 0.0 | 53.394 | 4.741 | 0.0 | 48.158 | 6.49 | 0.0 | 43.01 | 3.769 | 0.0 | 42.794 | 5.047 |
| 36 | 11484 | 11485 | SN | 1 | 0.0 | 48.734 | 3.261 | 0.0 | 51.036 | 4.263 | 0.0 | 41.299 | 4.15 | 0.0 | 41.395 | 5.134 | 0.0 | 48.071 | 3.352 | 0.0 | 52.389 | 3.766 | 0.0 | 40.345 | 3.916 | 0.0 | 39.612 | 4.508 |
| 37 | 11484 | 11485 | SN | 1 | 0.0 | 37.504 | 0.927 | 0.0 | 36.529 | 1.479 | 0.0 | 40.836 | 1.278 | 0.0 | 37.311 | 1.818 | 0.0 | 38.366 | 0.908 | 0.0 | 39.188 | 1.315 | 0.0 | 38.657 | 1.234 | 0.0 | 36.148 | 1.525 |
| 38 | 11484 | 11485 | NS | 1 | 0.0 | 45.548 | 1.189 | 0.0 | 55.406 | 1.824 | 0.0 | 41.064 | 1.108 | 0.0 | 40.377 | 1.527 | 0.0 | 47.301 | 1.223 | 0.0 | 52.577 | 1.752 | 0.0 | 44.924 | 1.113 | 0.0 | 39.162 | 1.488 |
| 39 | 11484 | 11485 | SN | 1 | 0.0 | 37.504 | 0.929 | 0.0 | 36.529 | 1.477 | 0.0 | 40.836 | 1.273 | 0.0 | 37.198 | 1.84 | 0.0 | 38.366 | 0.911 | 0.0 | 39.188 | 1.306 | 0.0 | 38.657 | 1.223 | 0.0 | 36.148 | 1.528 |
| 40 | 11484 | 11485 | NS | 1 | 0.0 | 52.593 | 4.588 | 0.0 | 48.543 | 6.399 | 0.0 | 43.823 | 3.698 | 0.0 | 42.278 | 5.225 | 0.0 | 53.394 | 4.741 | 0.0 | 48.158 | 6.49 | 0.0 | 43.01 | 3.769 | 0.0 | 42.794 | 5.047 |
| 41 | 11485 | 11486 | SN | 1 | 0.0 | 41.064 | 4.009 | 0.0 | 42.478 | 5.026 | 0.0 | 44.017 | 3.724 | 0.0 | 44.475 | 5.875 | 0.0 | 41.34 | 3.907 | 0.0 | 43.115 | 4.823 | 0.0 | 44.084 | 3.717 | 0.0 | 38.628 | 5.434 |
| 42 | 11485 | 11486 | NS | 1 | 0.0 | 41.163 | 0.448 | 0.0 | 41.45 | 0.487 | 0.0 | 48.684 | 0.419 | 0.0 | 42.827 | 0.671 | 0.0 | 40.38 | 0.43 | 0.0 | 45.778 | 0.424 | 0.0 | 48.503 | 0.359 | 0.0 | 41.599 | 0.5 |
| 43 | 11485 | 11486 | NS | 1 | 0.0 | 48.087 | 1.961 | 0.0 | 47.818 | 2.157 | 0.0 | 44.694 | 1.537 | 0.0 | 46.155 | 2.409 | 0.0 | 48.851 | 1.981 | 0.0 | 48.749 | 1.821 | 0.0 | 44.678 | 1.359 | 0.0 | 45.332 | 1.974 |
| 44 | 11485 | 11486 | SN | 1 | 0.0 | 39.959 | 4.067 | 0.0 | 40.225 | 5.137 | 0.0 | 43.234 | 3.993 | 0.0 | 42.36 | 5.894 | 0.0 | 38.421 | 4.046 | 0.0 | 41.131 | 4.916 | 0.0 | 42.845 | 3.867 | 0.0 | 42.82 | 5.636 |
| 45 | 11485 | 11486 | SN | 1 | 0.0 | 39.959 | 3.907 | 0.0 | 40.225 | 4.955 | 0.0 | 41.184 | 3.866 | 0.0 | 42.36 | 5.718 | 0.0 | 38.421 | 3.887 | 0.0 | 41.131 | 4.742 | 0.0 | 40.796 | 3.759 | 0.0 | 42.82 | 5.455 |
| 46 | 11485 | 11486 | NS | 1 | 0.0 | 41.163 | 0.439 | 0.0 | 41.45 | 0.492 | 0.0 | 49.258 | 0.409 | 0.0 | 42.809 | 0.662 | 0.0 | 40.38 | 0.419 | 0.0 | 45.778 | 0.421 | 0.0 | 49.077 | 0.35 | 0.0 | 41.581 | 0.495 |
| 47 | 11485 | 11486 | SN | 1 | 0.0 | 42.525 | 1.129 | 0.0 | 37.858 | 1.599 | 0.0 | 44.017 | 1.292 | 0.0 | 39.854 | 2.235 | 0.0 | 42.717 | 1.102 | 0.0 | 35.412 | 1.502 | 0.0 | 44.084 | 1.242 | 0.0 | 37.101 | 1.934 |
| 48 | 11485 | 11486 | SN | 1 | 0.0 | 35.374 | 1.182 | 0.0 | 37.713 | 1.643 | 0.0 | 39.387 | 1.364 | 0.0 | 38.95 | 2.338 | 0.0 | 35.34 | 1.158 | 0.0 | 37.287 | 1.552 | 0.0 | 39.371 | 1.287 | 0.0 | 38.866 | 2.001 |
| 49 | 11485 | 11486 | SN | 1 | 0.0 | 35.374 | 1.142 | 0.0 | 37.713 | 1.583 | 0.0 | 39.711 | 1.317 | 0.0 | 38.901 | 2.258 | 0.0 | 35.34 | 1.118 | 0.0 | 37.287 | 1.495 | 0.0 | 40.895 | 1.246 | 0.0 | 38.866 | 1.931 |
| 50 | 11485 | 11486 | NS | 1 | 0.0 | 48.087 | 1.971 | 0.0 | 47.98 | 2.146 | 0.0 | 44.267 | 1.523 | 0.0 | 46.155 | 2.395 | 0.0 | 48.851 | 1.991 | 0.0 | 48.911 | 1.821 | 0.0 | 44.251 | 1.345 | 0.0 | 45.332 | 1.953 |
| 51 | 11486 | 11487 | SN | 1 | 0.0 | 45.711 | 1.645 | 0.0 | 45.941 | 2.36 | 0.0 | 42.583 | 1.501 | 0.0 | 50.151 | 2.485 | 0.0 | 46.573 | 1.719 | 0.0 | 43.705 | 2.274 | 0.0 | 41.955 | 1.621 | 0.0 | 50.81 | 2.259 |
| 52 | 11486 | 11487 | NS | 1 | 0.0 | 55.769 | 2.722 | 0.0 | 50.353 | 3.725 | 0.0 | 47.665 | 2.568 | 0.0 | 42.035 | 3.258 | 0.0 | 55.649 | 2.753 | 0.0 | 51.422 | 3.358 | 0.0 | 49.252 | 2.319 | 0.0 | 42.812 | 2.702 |
| 53 | 11486 | 11487 | SN | 1 | 0.0 | 45.435 | 1.708 | 0.0 | 56.414 | 2.357 | 0.0 | 41.433 | 1.556 | 0.0 | 44.885 | 2.471 | 0.0 | 44.296 | 1.795 | 0.0 | 55.386 | 2.245 | 0.0 | 40.355 | 1.655 | 0.0 | 44.615 | 2.217 |
| 54 | 11486 | 11487 | NS | 1 | 0.0 | 47.292 | 2.885 | 0.0 | 52.627 | 3.622 | 0.0 | 45.684 | 2.754 | 0.0 | 47.567 | 3.25 | 0.0 | 47.36 | 3.007 | 0.0 | 52.643 | 3.306 | 0.0 | 45.877 | 2.455 | 0.0 | 44.448 | 2.623 |
| 55 | 11486 | 11487 | NS | 1 | 0.0 | 47.985 | 0.661 | 0.0 | 53.71 | 0.992 | 0.0 | 35.906 | 0.75 | 0.0 | 41.938 | 0.887 | 0.0 | 46.56 | 0.652 | 0.0 | 54.407 | 0.878 | 0.0 | 37.313 | 0.675 | 0.0 | 39.69 | 0.74 |
| 56 | 11486 | 11487 | NS | 1 | 0.0 | 45.776 | 0.683 | 0.0 | 57.241 | 1.004 | 0.0 | 39.484 | 0.713 | 0.0 | 45.076 | 0.925 | 0.0 | 46.456 | 0.688 | 0.0 | 54.666 | 0.911 | 0.0 | 37.366 | 0.665 | 0.0 | 40.728 | 0.742 |
| 57 | 11486 | 11487 | SN | 1 | 0.0 | 54.278 | 6.527 | 0.0 | 54.617 | 7.815 | 0.0 | 44.95 | 5.457 | 0.0 | 45.691 | 7.303 | 0.0 | 54.622 | 6.774 | 0.0 | 55.421 | 7.96 | 0.0 | 43.006 | 5.695 | 0.0 | 45.04 | 7.115 |
| 58 | 11486 | 11487 | SN | 1 | 0.0 | 45.435 | 1.679 | 0.0 | 56.414 | 2.328 | 0.0 | 41.433 | 1.529 | 0.0 | 44.885 | 2.435 | 0.0 | 44.296 | 1.764 | 0.0 | 55.386 | 2.218 | 0.0 | 40.355 | 1.628 | 0.0 | 44.615 | 2.187 |
| 59 | 11486 | 11487 | SN | 1 | 0.0 | 54.278 | 6.428 | 0.0 | 54.617 | 7.696 | 0.0 | 44.95 | 5.362 | 0.0 | 45.691 | 7.212 | 0.0 | 54.622 | 6.661 | 0.0 | 55.421 | 7.838 | 0.0 | 43.006 | 5.596 | 0.0 | 45.04 | 7.013 |
| 60 | 11486 | 11487 | SN | 1 | 0.0 | 53.478 | 6.64 | 0.0 | 53.802 | 7.767 | 0.0 | 44.526 | 5.383 | 0.0 | 46.368 | 7.24 | 0.0 | 52.917 | 6.721 | 0.0 | 54.795 | 7.767 | 0.0 | 43.466 | 5.759 | 0.0 | 47.503 | 6.984 |
| 61 | 11487 | 11488 | NS | 1 | 0.0 | 42.892 | 0.932 | 0.0 | 51.773 | 1.358 | 0.0 | 34.746 | 1.011 | 0.0 | 39.616 | 1.476 | 0.0 | 42.458 | 0.925 | 0.0 | 51.689 | 1.224 | 0.0 | 34.679 | 0.972 | 0.0 | 37.508 | 1.301 |
| 62 | 11487 | 11488 | NS | 1 | 0.818 | 43.434 | 3.596 | 0.0 | 53.848 | 4.559 | 0.0 | 48.689 | 3.152 | 0.0 | 48.129 | 4.306 | 0.294 | 44.173 | 3.586 | 0.0 | 54.724 | 4.203 | 0.0 | 47.752 | 3.123 | 0.0 | 44.707 | 3.978 |
| 63 | 11487 | 11488 | SN | 1 | 0.0 | 52.898 | 6.576 | 0.0 | 53.811 | 6.849 | 0.0 | 47.66 | 5.006 | 0.0 | 51.339 | 6.768 | 0.0 | 53.18 | 6.546 | 0.0 | 53.575 | 6.717 | 0.0 | 47.773 | 4.871 | 0.0 | 53.085 | 6.285 |
| 64 | 11487 | 11488 | SN | 1 | 0.0 | 50.143 | 1.617 | 0.0 | 45.657 | 2.074 | 0.0 | 43.222 | 1.481 | 0.0 | 47.157 | 2.099 | 0.0 | 49.931 | 1.633 | 0.0 | 45.006 | 1.903 | 0.0 | 43.484 | 1.438 | 0.0 | 48.601 | 1.876 |
| 65 | 11487 | 11488 | SN | 1 | 0.0 | 50.143 | 1.674 | 0.0 | 44.195 | 2.112 | 0.0 | 43.222 | 1.554 | 0.0 | 47.157 | 2.157 | 0.0 | 49.931 | 1.688 | 0.0 | 43.548 | 1.93 | 0.0 | 43.484 | 1.51 | 0.0 | 48.601 | 1.923 |
| 66 | 11487 | 11488 | SN | 1 | 0.0 | 52.898 | 6.576 | 0.0 | 53.811 | 6.849 | 0.0 | 47.66 | 5.006 | 0.0 | 51.339 | 6.768 | 0.0 | 53.18 | 6.546 | 0.0 | 53.575 | 6.717 | 0.0 | 47.773 | 4.871 | 0.0 | 53.085 | 6.285 |
| 67 | 11487 | 11488 | SN | 1 | 0.0 | 50.143 | 1.617 | 0.0 | 45.657 | 2.074 | 0.0 | 43.222 | 1.481 | 0.0 | 47.157 | 2.099 | 0.0 | 49.931 | 1.633 | 0.0 | 45.006 | 1.903 | 0.0 | 43.484 | 1.438 | 0.0 | 48.601 | 1.876 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 11487 | 11488 | SN | 1 | 0.0 | 52.898 | 6.762 | 0.0 | 53.689 | 6.879 | 0.0 | 47.66 | 5.24 | 0.0 | 51.339 | 6.856 | 0.0 | 53.18 | 6.73 | 0.0 | 53.575 | 6.762 | 0.0 | 47.773 | 5.113 | 0.0 | 53.085 | 6.394 |
| 69 | 11487 | 11488 | NS | 1 | 0.0 | 43.441 | 3.545 | 0.0 | 53.867 | 4.61 | 0.0 | 46.209 | 3.073 | 0.0 | 45.23 | 4.406 | 0.0 | 44.181 | 3.535 | 0.0 | 54.742 | 4.203 | 0.0 | 45.272 | 3.017 | 0.0 | 43.086 | 4.021 |
| 70 | 11487 | 11488 | NS | 1 | 0.0 | 47.06 | 0.955 | 0.0 | 51.911 | 1.358 | 0.0 | 36.786 | 1.055 | 0.0 | 39.272 | 1.46 | 0.0 | 46.628 | 0.937 | 0.0 | 51.828 | 1.213 | 0.0 | 35.929 | 1.007 | 0.0 | 38.565 | 1.259 |
| 71 | 11488 | 11489 | NS | 1 | 0.0 | 39.042 | 0.839 | 0.0 | 42.683 | 1.259 | 0.0 | 37.461 | 0.94 | 0.0 | 37.708 | 1.403 | 0.0 | 39.937 | 0.837 | 0.0 | 42.956 | 1.203 | 0.0 | 38.198 | 0.932 | 0.0 | 41.33 | 1.268 |
| 72 | 11488 | 11489 | SN | 1 | 0.0 | 48.848 | 4.87 | 0.0 | 56.401 | 4.966 | 0.0 | 43.217 | 3.962 | 0.0 | 45.627 | 4.381 | 0.0 | 48.367 | 4.915 | 0.0 | 55.693 | 4.61 | 0.0 | 42.594 | 3.697 | 0.0 | 45.356 | 3.889 |
| 73 | 11488 | 11489 | SN | 1 | 0.0 | 48.848 | 4.7 | 0.0 | 56.401 | 5.043 | 0.0 | 43.217 | 3.746 | 0.0 | 45.627 | 4.202 | 0.0 | 48.367 | 4.75 | 0.0 | 55.693 | 4.657 | 0.0 | 42.594 | 3.519 | 0.0 | 45.356 | 3.718 |
| 74 | 11488 | 11489 | SN | 1 | 0.0 | 48.848 | 4.7 | 0.0 | 56.401 | 5.043 | 0.0 | 43.217 | 3.746 | 0.0 | 45.627 | 4.202 | 0.0 | 48.367 | 4.75 | 0.0 | 55.693 | 4.657 | 0.0 | 42.594 | 3.519 | 0.0 | 45.356 | 3.718 |
| 75 | 11488 | 11489 | SN | 1 | 0.0 | 57.706 | 1.283 | 0.0 | 45.935 | 1.596 | 0.0 | 37.606 | 1.011 | 0.0 | 45.361 | 1.308 | 0.0 | 56.947 | 1.229 | 0.0 | 44.304 | 1.451 | 0.0 | 38.444 | 0.938 | 0.0 | 45.178 | 1.081 |
| 76 | 11488 | 11489 | NS | 1 | 0.506 | 39.79 | 2.631 | 0.0 | 47.279 | 3.786 | 0.0 | 44.218 | 3.23 | 0.0 | 46.54 | 4.613 | 0.063 | 41.257 | 2.671 | 0.0 | 49.165 | 3.613 | 0.0 | 43.759 | 3.287 | 0.0 | 44.437 | 4.363 |
| 77 | 11488 | 11489 | SN | 1 | 0.0 | 57.706 | 1.367 | 0.0 | 45.568 | 1.637 | 0.0 | 37.606 | 1.084 | 0.0 | 45.361 | 1.353 | 0.0 | 56.947 | 1.31 | 0.0 | 44.304 | 1.515 | 0.0 | 38.444 | 1.012 | 0.0 | 45.178 | 1.125 |
| 78 | 11488 | 11489 | NS | 1 | 0.0 | 44.421 | 2.731 | 0.0 | 45.627 | 3.878 | 0.0 | 42.402 | 3.293 | 0.0 | 42.125 | 4.486 | 0.0 | 44.262 | 2.741 | 0.0 | 46.466 | 3.736 | 0.0 | 42.469 | 3.321 | 0.0 | 38.083 | 4.279 |
| 79 | 11488 | 11489 | SN | 1 | 0.0 | 57.706 | 1.283 | 0.0 | 45.935 | 1.596 | 0.0 | 37.606 | 1.011 | 0.0 | 45.361 | 1.308 | 0.0 | 56.947 | 1.229 | 0.0 | 44.304 | 1.451 | 0.0 | 38.444 | 0.938 | 0.0 | 45.178 | 1.081 |
| 80 | 11489 | 11490 | SN | 1 | 0.0 | 51.521 | 4.213 | 0.0 | 57.564 | 5.38 | 0.0 | 39.619 | 3.745 | 0.0 | 42.114 | 4.309 | 0.0 | 53.423 | 4.152 | 0.0 | 55.978 | 5.146 | 0.0 | 39.704 | 3.681 | 0.0 | 43.307 | 4.28 |
| 81 | 11489 | 11490 | NS | 1 | 0.0 | 46.642 | 4.874 | 0.0 | 50.834 | 6.319 | 0.0 | 47.86 | 4.324 | 0.0 | 50.104 | 5.753 | 0.0 | 47.296 | 5.037 | 0.0 | 51.582 | 5.77 | 0.0 | 47.218 | 4.175 | 0.0 | 48.694 | 5.168 |
| 82 | 11489 | 11490 | NS | 1 | 0.0 | 50.226 | 1.36 | 0.0 | 49.643 | 1.743 | 0.0 | 42.462 | 1.304 | 0.0 | 44.354 | 1.851 | 0.0 | 49.703 | 1.387 | 0.0 | 48.773 | 1.553 | 0.0 | 42.723 | 1.266 | 0.0 | 42.155 | 1.6 |
| 83 | 11489 | 11490 | SN | 1 | 0.0 | 45.254 | 1.127 | 0.0 | 42.137 | 1.653 | 0.0 | 39.393 | 1.152 | 0.0 | 44.967 | 1.468 | 0.0 | 45.233 | 1.15 | 0.0 | 43.642 | 1.565 | 0.0 | 38.275 | 1.113 | 0.0 | 43.474 | 1.399 |
| 84 | 11490 | 11491 | SN | 1 | 0.0 | 39.92 | 1.663 | 0.0 | 46.962 | 2.003 | 0.0 | 39.066 | 1.693 | 0.0 | 41.887 | 2.195 | 0.0 | 41.172 | 1.685 | 0.0 | 47.483 | 1.901 | 0.0 | 39.853 | 1.716 | 0.0 | 41.774 | 2.095 |
| 85 | 11490 | 11491 | SN | 1 | 0.0 | 45.516 | 6.5 | 0.0 | 52.884 | 7.371 | 0.0 | 46.405 | 5.553 | 0.0 | 43.969 | 6.479 | 0.0 | 44.621 | 6.682 | 0.0 | 52.436 | 7.158 | 0.0 | 44.333 | 5.752 | 0.0 | 43.749 | 6.43 |
| 86 | 11490 | 11491 | NS | 1 | 0.0 | 48.058 | 0.66 | 0.0 | 39.62 | 0.955 | 0.0 | 36.993 | 0.751 | 0.0 | 40.375 | 1.017 | 0.0 | 46.351 | 0.665 | 0.0 | 37.837 | 0.835 | 0.0 | 36.394 | 0.669 | 0.0 | 37.57 | 0.843 |
| 87 | 11490 | 11491 | NS | 1 | 0.0 | 50.565 | 2.741 | 0.0 | 46.702 | 4.11 | 0.0 | 43.465 | 2.296 | 0.0 | 42.275 | 3.244 | 0.0 | 49.791 | 2.7 | 0.0 | 46.831 | 3.652 | 0.0 | 43.134 | 2.247 | 0.0 | 40.246 | 2.802 |
| 88 | 11491 | 11492 | NS | 1 | 0.0 | 53.116 | 0.863 | 0.0 | 36.132 | 1.202 | 0.0 | 38.534 | 1.02 | 0.0 | 38.064 | 1.315 | 0.0 | 52.646 | 0.892 | 0.0 | 36.269 | 1.118 | 0.0 | 37.607 | 0.947 | 0.0 | 36.788 | 1.115 |
| 89 | 11491 | 11492 | SN | 1 | 0.0 | 47.493 | 0.917 | 0.0 | 52.216 | 1.119 | 0.0 | 45.185 | 0.869 | 0.0 | 48.398 | 1.162 | 0.0 | 46.899 | 0.915 | 0.0 | 49.842 | 1.028 | 0.0 | 45.022 | 0.796 | 0.0 | 44.545 | 0.981 |
| 90 | 11491 | 11492 | NS | 1 | 0.0 | 46.927 | 2.526 | 0.0 | 42.343 | 3.06 | 0.0 | 39.752 | 3.07 | 0.0 | 47.481 | 3.731 | 0.0 | 48.16 | 2.516 | 0.0 | 41.911 | 2.815 | 0.0 | 39.452 | 3.006 | 0.0 | 42.668 | 3.381 |
| 91 | 11491 | 11492 | NS | 1 | 0.0 | 53.642 | 0.86 | 0.0 | 36.132 | 1.201 | 0.0 | 48.022 | 1.02 | 0.0 | 38.064 | 1.312 | 0.0 | 53.172 | 0.889 | 0.0 | 36.269 | 1.115 | 0.0 | 47.16 | 0.947 | 0.0 | 36.788 | 1.112 |
| 92 | 11491 | 11492 | SN | 1 | 0.0 | 51.863 | 0.926 | 0.0 | 45.445 | 1.134 | 0.0 | 42.354 | 0.867 | 0.0 | 45.349 | 1.197 | 0.0 | 51.268 | 0.908 | 0.0 | 46.152 | 1.033 | 0.0 | 46.055 | 0.803 | 0.0 | 41.952 | 0.983 |
| 93 | 11491 | 11492 | SN | 1 | 0.0 | 51.308 | 3.483 | 0.0 | 50.257 | 4.447 | 0.0 | 42.959 | 3.178 | 0.0 | 41.936 | 4.239 | 0.0 | 51.791 | 3.584 | 0.0 | 50.745 | 4.234 | 0.0 | 45.662 | 2.943 | 0.0 | 42.139 | 3.421 |
| 94 | 11491 | 11492 | SN | 1 | 0.0 | 50.599 | 3.513 | 0.0 | 55.509 | 4.376 | 0.0 | 45.35 | 3.142 | 0.0 | 42.529 | 4.267 | 0.0 | 51.085 | 3.665 | 0.0 | 53.318 | 4.193 | 0.0 | 43.435 | 2.901 | 0.0 | 42.733 | 3.378 |
| 95 | 11491 | 11492 | NS | 1 | 0.0 | 46.927 | 2.519 | 0.0 | 42.405 | 3.052 | 0.0 | 40.228 | 3.059 | 0.0 | 47.481 | 3.721 | 0.0 | 48.16 | 2.509 | 0.0 | 41.911 | 2.808 | 0.0 | 39.871 | 3.002 | 0.0 | 42.668 | 3.372 |
| 96 | 11492 | 11493 | SN | 1 | 0.0 | 52.255 | 1.762 | 0.0 | 47.702 | 3.044 | 0.0 | 44.586 | 1.851 | 0.0 | 43.373 | 2.879 | 0.0 | 52.637 | 1.762 | 0.0 | 48.653 | 2.507 | 0.0 | 45.181 | 1.646 | 0.0 | 41.018 | 2.083 |
| 97 | 11492 | 11493 | SN | 1 | 0.0 | 49.086 | 0.444 | 0.0 | 47.589 | 0.854 | 0.0 | 39.848 | 0.474 | 0.0 | 42.182 | 0.77 | 0.0 | 47.394 | 0.439 | 0.0 | 46.171 | 0.726 | 0.0 | 38.822 | 0.414 | 0.0 | 37.11 | 0.545 |
| 98 | 11492 | 11493 | NS | 1 | 0.534 | 41.375 | 3.647 | 0.0 | 45.275 | 4.835 | 0.0 | 39.161 | 3.564 | 0.0 | 43.497 | 4.478 | 0.11 | 41.456 | 3.636 | 0.0 | 44.434 | 4.784 | 0.0 | 38.067 | 3.428 | 0.0 | 38.667 | 4.007 |
| 99 | 11492 | 11493 | NS | 1 | 0.0 | 37.235 | 0.966 | 0.0 | 46.721 | 1.442 | 0.0 | 37.328 | 1.199 | 0.0 | 44.608 | 1.593 | 0.0 | 36.581 | 0.948 | 0.0 | 46.526 | 1.356 | 0.0 | 37.894 | 1.103 | 0.0 | 46.854 | 1.39 |
| 100 | 11492 | 11493 | NS | 1 | 0.0 | 41.313 | 3.797 | 0.0 | 45.483 | 5.005 | 0.0 | 39.122 | 3.542 | 0.0 | 43.497 | 4.667 | 0.0 | 41.395 | 3.808 | 0.0 | 45.577 | 4.921 | 0.0 | 38.028 | 3.491 | 0.0 | 38.667 | 4.19 |
| 101 | 11492 | 11493 | NS | 1 | 0.0 | 37.235 | 1.023 | 0.0 | 46.721 | 1.485 | 0.0 | 36.438 | 1.188 | 0.0 | 44.603 | 1.641 | 0.0 | 36.581 | 1.002 | 0.0 | 46.526 | 1.39 | 0.0 | 36.326 | 1.102 | 0.0 | 46.849 | 1.405 |
| 102 | 11492 | 11493 | NS | 1 | 0.0 | 37.235 | 0.989 | 0.0 | 46.721 | 1.444 | 0.0 | 38.296 | 1.176 | 0.0 | 44.603 | 1.602 | 0.0 | 36.581 | 0.97 | 0.0 | 46.526 | 1.354 | 0.0 | 38.861 | 1.089 | 0.0 | 46.849 | 1.371 |
| 103 | 11492 | 11493 | SN | 1 | 0.0 | 49.086 | 0.444 | 0.0 | 47.589 | 0.854 | 0.0 | 39.848 | 0.474 | 0.0 | 42.182 | 0.77 | 0.0 | 47.394 | 0.439 | 0.0 | 46.171 | 0.726 | 0.0 | 38.822 | 0.414 | 0.0 | 37.11 | 0.545 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Alarming
Deviations
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 11492 | 11493 | NS | 1 | 0.512 | 41.313 | 3.667 | 0.0 | 45.275 | 4.865 | 0.0 | 39.122 | 3.493 | 0.0 | 43.497 | 4.556 | 0.034 | 41.395 | 3.687 | 0.0 | 44.429 | 4.794 | 0.0 | 38.028 | 3.407 | 0.0 | 38.667 | 4.071 |
| 105 | 11492 | 11493 | SN | 1 | 0.0 | 52.255 | 1.762 | 0.0 | 47.702 | 3.044 | 0.0 | 44.586 | 1.851 | 0.0 | 43.373 | 2.879 | 0.0 | 52.637 | 1.762 | 0.0 | 48.653 | 2.507 | 0.0 | 45.181 | 1.646 | 0.0 | 41.018 | 2.083 |
| 106 | 11493 | 11494 | NS | 1 | 0.0 | 48.475 | 1.613 | 0.0 | 41.548 | 2.02 | 0.0 | 37.649 | 1.675 | 0.0 | 42.597 | 2.298 | 0.0 | 50.731 | 1.599 | 0.0 | 43.728 | 1.868 | 0.0 | 38.01 | 1.634 | 0.0 | 43.016 | 2.117 |
| 107 | 11493 | 11494 | NS | 1 | 0.0 | 48.539 | 1.73 | 0.0 | 43.469 | 2.204 | 0.0 | 36.747 | 1.765 | 0.0 | 41.255 | 2.43 | 0.0 | 50.795 | 1.73 | 0.0 | 46.242 | 2.041 | 0.0 | 39.275 | 1.796 | 0.0 | 41.414 | 2.266 |
| 108 | 11493 | 11494 | SN | 1 | 0.0 | 41.811 | 0.538 | 0.0 | 46.767 | 0.737 | 0.0 | 42.804 | 0.502 | 0.0 | 40.199 | 0.846 | 0.0 | 42.455 | 0.525 | 0.0 | 47.259 | 0.629 | 0.0 | 39.612 | 0.449 | 0.0 | 40.191 | 0.639 |
| 109 | 11493 | 11494 | SN | 1 | 0.0 | 47.575 | 2.358 | 0.0 | 49.558 | 3.024 | 0.0 | 39.759 | 1.808 | 0.0 | 41.467 | 2.609 | 0.0 | 48.923 | 2.418 | 0.0 | 51.868 | 2.75 | 0.0 | 38.586 | 1.688 | 0.0 | 38.135 | 2.183 |
| 110 | 11493 | 11494 | SN | 1 | 0.0 | 47.575 | 2.358 | 0.0 | 49.558 | 3.024 | 0.0 | 39.759 | 1.808 | 0.0 | 41.467 | 2.609 | 0.0 | 48.923 | 2.418 | 0.0 | 51.868 | 2.75 | 0.0 | 38.586 | 1.688 | 0.0 | 38.135 | 2.183 |
| 111 | 11493 | 11494 | NS | 1 | 0.0 | 51.455 | 5.038 | 0.0 | 54.779 | 6.452 | 0.0 | 49.886 | 5.328 | 0.0 | 42.702 | 6.424 | 0.0 | 53.14 | 5.007 | 0.0 | 54.384 | 6.259 | 0.0 | 50.376 | 5.25 | 0.0 | 41.634 | 5.996 |
| 112 | 11493 | 11494 | SN | 1 | 0.0 | 41.811 | 0.538 | 0.0 | 46.767 | 0.737 | 0.0 | 42.804 | 0.502 | 0.0 | 40.199 | 0.846 | 0.0 | 42.455 | 0.525 | 0.0 | 47.259 | 0.629 | 0.0 | 39.612 | 0.449 | 0.0 | 40.191 | 0.639 |
| 113 | 11493 | 11494 | NS | 1 | 0.0 | 52.782 | 5.088 | 0.0 | 56.736 | 6.513 | 0.0 | 46.535 | 5.343 | 0.0 | 42.948 | 6.481 | 0.0 | 54.451 | 4.977 | 0.0 | 56.345 | 6.218 | 0.0 | 47.026 | 5.321 | 0.0 | 43.291 | 6.111 |
| 114 | 11493 | 11494 | NS | 1 | 0.0 | 48.539 | 1.636 | 0.0 | 43.469 | 2.058 | 0.0 | 36.747 | 1.664 | 0.0 | 40.539 | 2.268 | 0.0 | 50.795 | 1.636 | 0.0 | 46.242 | 1.909 | 0.0 | 39.275 | 1.682 | 0.0 | 40.686 | 2.122 |
| 115 | 11493 | 11494 | NS | 1 | 0.0 | 51.455 | 5.275 | 0.0 | 54.779 | 6.92 | 0.0 | 49.886 | 5.628 | 0.0 | 44.574 | 6.907 | 0.0 | 53.14 | 5.243 | 0.0 | 54.384 | 6.691 | 0.0 | 50.376 | 5.636 | 0.0 | 42.714 | 6.448 |
| 116 | 11494 | 11495 | SN | 1 | 0.0 | 43.967 | 3.293 | 0.0 | 44.063 | 4.619 | 0.0 | 40.092 | 2.976 | 0.0 | 41.291 | 4.166 | 0.0 | 44.362 | 3.404 | 0.0 | 45.772 | 4.231 | 0.0 | 39.073 | 2.93 | 0.0 | 41.05 | 3.816 |
| 117 | 11494 | 11495 | SN | 1 | 0.0 | 42.956 | 0.854 | 0.0 | 43.047 | 1.274 | 0.0 | 38.079 | 1.032 | 0.0 | 39.568 | 1.483 | 0.0 | 42.202 | 0.805 | 0.0 | 40.709 | 1.203 | 0.0 | 38.29 | 0.939 | 0.0 | 38.329 | 1.263 |
| 118 | 11494 | 11495 | NS | 1 | 0.0 | 50.762 | 1.454 | 0.0 | 48.399 | 1.941 | 0.0 | 41.223 | 1.46 | 0.0 | 36.605 | 1.873 | 0.0 | 51.087 | 1.449 | 0.0 | 47.029 | 1.785 | 0.0 | 39.754 | 1.371 | 0.0 | 36.326 | 1.71 |
| 119 | 11494 | 11495 | SN | 1 | 0.0 | 44.824 | 3.13 | 0.0 | 43.389 | 4.272 | 0.0 | 41.231 | 2.902 | 0.0 | 40.873 | 3.832 | 0.0 | 45.183 | 3.221 | 0.0 | 41.937 | 3.896 | 0.0 | 44.076 | 2.831 | 0.0 | 40.489 | 3.476 |
| 120 | 11494 | 11495 | SN | 1 | 0.0 | 44.36 | 3.13 | 0.0 | 43.389 | 4.272 | 0.0 | 40.818 | 2.888 | 0.0 | 40.873 | 3.832 | 0.0 | 44.875 | 3.231 | 0.0 | 42.013 | 3.896 | 0.0 | 40.104 | 2.824 | 0.0 | 40.489 | 3.476 |
| 121 | 11494 | 11495 | NS | 1 | 0.0 | 49.014 | 4.873 | 0.0 | 49.376 | 6.016 | 0.0 | 41.127 | 4.58 | 0.0 | 44.032 | 5.799 | 0.0 | 49.47 | 4.812 | 0.0 | 50.791 | 5.873 | 0.0 | 39.766 | 4.224 | 0.0 | 41.319 | 5.164 |
| 122 | 11494 | 11495 | SN | 1 | 0.0 | 36.113 | 0.782 | 0.0 | 43.047 | 1.171 | 0.0 | 38.526 | 0.962 | 0.0 | 39.568 | 1.349 | 0.0 | 35.606 | 0.744 | 0.0 | 40.709 | 1.104 | 0.0 | 38.29 | 0.889 | 0.0 | 38.329 | 1.15 |
| 123 | 11494 | 11495 | SN | 1 | 0.0 | 36.115 | 0.789 | 0.0 | 43.047 | 1.171 | 0.0 | 38.079 | 0.962 | 0.0 | 39.568 | 1.349 | 0.0 | 35.606 | 0.744 | 0.0 | 40.709 | 1.104 | 0.0 | 38.29 | 0.889 | 0.0 | 38.329 | 1.15 |
| 124 | 11494 | 11495 | NS | 1 | 0.0 | 50.762 | 1.287 | 0.0 | 48.399 | 1.703 | 0.0 | 41.223 | 1.348 | 0.0 | 36.605 | 1.67 | 0.0 | 51.087 | 1.28 | 0.0 | 47.029 | 1.567 | 0.0 | 39.754 | 1.259 | 0.0 | 36.326 | 1.505 |
| 125 | 11494 | 11495 | NS | 1 | 0.0 | 46.583 | 1.314 | 0.0 | 41.755 | 1.699 | 0.0 | 40.706 | 1.314 | 0.0 | 38.398 | 1.625 | 0.0 | 45.885 | 1.302 | 0.0 | 42.765 | 1.59 | 0.0 | 38.182 | 1.225 | 0.0 | 37.345 | 1.448 |
| 126 | 11494 | 11495 | NS | 1 | 0.0 | 52.205 | 5.465 | 0.0 | 49.402 | 6.571 | 0.0 | 42.086 | 5.088 | 0.0 | 43.799 | 6.495 | 0.0 | 51.135 | 5.431 | 0.0 | 50.813 | 6.502 | 0.0 | 40.539 | 4.725 | 0.0 | 41.222 | 5.872 |
| 127 | 11494 | 11495 | NS | 1 | 0.0 | 52.205 | 4.904 | 0.0 | 49.402 | 5.802 | 0.0 | 42.086 | 4.63 | 0.0 | 43.799 | 5.763 | 0.0 | 51.135 | 4.883 | 0.0 | 50.813 | 5.751 | 0.0 | 39.74 | 4.274 | 0.0 | 41.222 | 5.185 |
| 128 | 11495 | 11496 | NS | 1 | 0.0 | 47.488 | 1.956 | 0.0 | 50.907 | 2.305 | 0.0 | 45.316 | 1.476 | 0.0 | 45.163 | 1.91 | 0.0 | 47.144 | 1.942 | 0.0 | 47.579 | 2.255 | 0.0 | 41.636 | 1.433 | 0.0 | 44.856 | 1.664 |
| 129 | 11495 | 11496 | NS | 1 | 0.0 | 47.18 | 1.963 | 0.0 | 50.907 | 2.294 | 0.0 | 45.316 | 1.463 | 0.0 | 44.789 | 1.901 | 0.0 | 46.838 | 1.942 | 0.0 | 47.579 | 2.237 | 0.0 | 41.636 | 1.43 | 0.0 | 44.55 | 1.666 |
| 130 | 11495 | 11496 | SN | 1 | 0.0 | 45.005 | 0.875 | 0.0 | 45.208 | 1.177 | 0.0 | 36.378 | 0.786 | 0.0 | 39.911 | 0.99 | 0.0 | 45.799 | 0.859 | 0.0 | 44.479 | 1.087 | 0.0 | 37.889 | 0.775 | 0.0 | 37.662 | 0.995 |
| 131 | 11495 | 11496 | SN | 1 | 0.0 | 47.08 | 3.616 | 0.0 | 46.846 | 4.173 | 0.0 | 40.711 | 2.71 | 0.0 | 41.735 | 3.477 | 0.0 | 45.595 | 3.524 | 0.0 | 50.202 | 4.081 | 0.0 | 41.419 | 2.788 | 0.0 | 38.974 | 3.356 |
| 132 | 11495 | 11496 | SN | 1 | 0.0 | 45.562 | 0.923 | 0.0 | 44.823 | 1.24 | 0.0 | 35.204 | 0.819 | 0.0 | 39.91 | 1.034 | 0.0 | 47.983 | 0.919 | 0.0 | 44.095 | 1.128 | 0.0 | 34.763 | 0.8 | 0.0 | 39.381 | 1.052 |
| 133 | 11495 | 11496 | NS | 1 | 0.0 | 53.344 | 6.123 | 0.0 | 54.431 | 6.94 | 0.0 | 45.81 | 5.093 | 0.0 | 51.025 | 6.558 | 0.0 | 53.412 | 6.123 | 0.0 | 55.206 | 6.635 | 0.0 | 46.076 | 5.079 | 0.0 | 52.447 | 5.731 |
| 134 | 11495 | 11496 | NS | 1 | 0.0 | 53.653 | 6.103 | 0.0 | 54.433 | 6.94 | 0.0 | 46.554 | 5.064 | 0.0 | 51.071 | 6.558 | 0.0 | 53.718 | 6.103 | 0.0 | 55.208 | 6.655 | 0.0 | 47.632 | 5.05 | 0.0 | 52.493 | 5.724 |
| 135 | 11495 | 11496 | SN | 1 | 0.0 | 45.562 | 0.875 | 0.0 | 44.823 | 1.179 | 0.0 | 35.204 | 0.782 | 0.0 | 39.91 | 0.988 | 0.0 | 47.983 | 0.87 | 0.0 | 44.095 | 1.073 | 0.0 | 34.763 | 0.759 | 0.0 | 39.381 | 1.002 |
| 136 | 11495 | 11496 | SN | 1 | 0.0 | 49.325 | 3.686 | 0.0 | 48.096 | 4.183 | 0.0 | 40.952 | 2.738 | 0.0 | 41.732 | 3.505 | 0.0 | 47.835 | 3.605 | 0.0 | 48.28 | 4.102 | 0.0 | 41.646 | 2.809 | 0.0 | 43.285 | 3.349 |
| 137 | 11495 | 11496 | SN | 1 | 0.0 | 49.325 | 3.848 | 0.0 | 48.096 | 4.384 | 0.0 | 42.853 | 2.825 | 0.0 | 41.732 | 3.67 | 0.0 | 47.835 | 3.752 | 0.0 | 48.28 | 4.299 | 0.0 | 43.759 | 2.93 | 0.0 | 43.285 | 3.513 |
| 138 | 11496 | 11497 | NS | 1 | 0.0 | 50.332 | 1.076 | 0.0 | 52.623 | 1.344 | 0.0 | 46.588 | 1.002 | 0.0 | 43.755 | 1.251 | 0.0 | 51.577 | 1.065 | 0.0 | 52.591 | 1.204 | 0.0 | 45.39 | 0.884 | 0.0 | 43.445 | 0.92 |
| 139 | 11496 | 11497 | SN | 1 | 0.0 | 44.052 | 3.362 | 0.0 | 44.404 | 4.172 | 0.0 | 47.818 | 3.696 | 0.0 | 48.93 | 4.096 | 0.0 | 42.694 | 3.392 | 0.0 | 45.226 | 3.827 | 0.0 | 45.94 | 3.597 | 0.0 | 49.3 | 3.641 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 11496 | 11497 | NS | 1 | 0.367 | 52.411 | 3.392 | 0.0 | 48.922 | 4.274 | 0.0 | 47.358 | 3.187 | 0.0 | 52.163 | 4.377 | 0.272 | 53.496 | 3.382 | 0.0 | 49.381 | 3.867 | 0.0 | 48.404 | 3.009 | 0.0 | 48.469 | 3.564 |
| 141 | 11496 | 11497 | SN | 1 | 0.0 | 59.227 | 1.0 | 0.0 | 41.204 | 1.211 | 0.0 | 42.744 | 1.169 | 0.0 | 40.527 | 1.338 | 0.0 | 60.565 | 0.966 | 0.0 | 39.889 | 1.11 | 0.0 | 43.049 | 1.074 | 0.0 | 38.491 | 1.124 |
| 142 | 11496 | 11497 | SN | 1 | 0.0 | 44.052 | 3.492 | 0.0 | 46.322 | 4.247 | 0.0 | 46.973 | 3.783 | 0.0 | 48.498 | 4.167 | 0.0 | 42.694 | 3.523 | 0.0 | 47.145 | 3.886 | 0.0 | 45.094 | 3.682 | 0.0 | 48.872 | 3.705 |
| 143 | 11496 | 11497 | SN | 1 | 0.0 | 42.516 | 0.983 | 0.0 | 41.005 | 1.197 | 0.0 | 40.171 | 1.144 | 0.0 | 40.527 | 1.328 | 0.0 | 43.858 | 0.954 | 0.0 | 39.69 | 1.095 | 0.0 | 40.235 | 1.055 | 0.0 | 38.491 | 1.103 |
| 144 | 11496 | 11497 | SN | 1 | 0.0 | 59.227 | 0.981 | 0.0 | 41.204 | 1.192 | 0.0 | 42.744 | 1.149 | 0.0 | 40.527 | 1.317 | 0.0 | 60.565 | 0.947 | 0.0 | 39.889 | 1.093 | 0.0 | 43.049 | 1.055 | 0.0 | 38.491 | 1.105 |
| 145 | 11496 | 11497 | SN | 1 | 0.0 | 44.052 | 3.433 | 0.0 | 46.322 | 4.182 | 0.0 | 46.973 | 3.717 | 0.0 | 48.498 | 4.103 | 0.0 | 42.694 | 3.463 | 0.0 | 47.145 | 3.827 | 0.0 | 45.094 | 3.618 | 0.0 | 48.872 | 3.648 |
| 146 | 11497 | 11498 | SN | 1 | 0.0 | 44.866 | 3.264 | 0.0 | 45.503 | 3.957 | 0.0 | 37.505 | 2.748 | 0.0 | 51.903 | 4.213 | 0.0 | 44.391 | 3.182 | 0.0 | 45.223 | 3.68 | 0.0 | 38.712 | 2.691 | 0.0 | 50.414 | 3.615 |
| 147 | 11497 | 11498 | SN | 1 | 0.0 | 40.746 | 0.882 | 0.0 | 47.111 | 1.164 | 0.0 | 40.442 | 0.86 | 0.0 | 43.167 | 1.503 | 0.0 | 39.342 | 0.891 | 0.0 | 45.539 | 1.075 | 0.0 | 37.911 | 0.801 | 0.0 | 38.874 | 1.183 |
| 148 | 11497 | 11498 | NS | 1 | 0.0 | 39.753 | 1.07 | 0.0 | 45.612 | 1.595 | 0.0 | 41.958 | 1.109 | 0.0 | 46.183 | 1.673 | 0.0 | 40.308 | 1.061 | 0.0 | 43.44 | 1.509 | 0.0 | 42.071 | 1.128 | 0.0 | 42.825 | 1.552 |
| 149 | 11497 | 11498 | SN | 1 | 0.0 | 40.746 | 0.882 | 0.0 | 47.111 | 1.164 | 0.0 | 40.442 | 0.86 | 0.0 | 43.167 | 1.503 | 0.0 | 39.342 | 0.891 | 0.0 | 45.539 | 1.075 | 0.0 | 37.911 | 0.801 | 0.0 | 38.874 | 1.183 |
| 150 | 11497 | 11498 | SN | 1 | 0.0 | 44.866 | 3.22 | 0.0 | 45.503 | 3.907 | 0.0 | 37.505 | 2.709 | 0.0 | 51.903 | 4.166 | 0.0 | 44.391 | 3.139 | 0.0 | 45.223 | 3.633 | 0.0 | 38.712 | 2.653 | 0.0 | 50.414 | 3.576 |
| 151 | 11497 | 11498 | NS | 1 | 0.0 | 45.814 | 3.596 | 0.0 | 45.152 | 5.554 | 0.0 | 42.278 | 3.48 | 0.0 | 42.558 | 5.169 | 0.0 | 45.325 | 3.647 | 0.0 | 46.899 | 5.463 | 0.0 | 40.84 | 3.715 | 0.0 | 40.869 | 4.962 |
| 152 | 11497 | 11498 | NS | 1 | 0.0 | 45.814 | 3.545 | 0.0 | 45.152 | 5.626 | 0.0 | 42.278 | 3.487 | 0.0 | 42.358 | 5.147 | 0.0 | 45.325 | 3.616 | 0.0 | 46.901 | 5.493 | 0.0 | 40.882 | 3.715 | 0.0 | 40.743 | 4.947 |
| 153 | 11497 | 11498 | NS | 1 | 0.0 | 39.888 | 1.073 | 0.0 | 45.612 | 1.6 | 0.0 | 41.704 | 1.116 | 0.0 | 46.184 | 1.684 | 0.0 | 40.444 | 1.059 | 0.0 | 43.44 | 1.523 | 0.0 | 41.817 | 1.144 | 0.0 | 43.649 | 1.547 |
| 154 | 11497 | 11498 | SN | 1 | 0.0 | 40.746 | 0.87 | 0.0 | 47.111 | 1.148 | 0.0 | 40.442 | 0.848 | 0.0 | 43.167 | 1.492 | 0.0 | 39.342 | 0.879 | 0.0 | 45.539 | 1.06 | 0.0 | 37.911 | 0.789 | 0.0 | 38.874 | 1.176 |
| 155 | 11497 | 11498 | SN | 1 | 0.0 | 44.866 | 3.264 | 0.0 | 45.503 | 3.957 | 0.0 | 37.505 | 2.748 | 0.0 | 51.903 | 4.213 | 0.0 | 44.391 | 3.182 | 0.0 | 45.223 | 3.68 | 0.0 | 38.712 | 2.691 | 0.0 | 50.414 | 3.615 |
| 156 | 11498 | 11499 | NS | 1 | 0.0 | 43.359 | 1.473 | 0.0 | 48.553 | 1.754 | 0.0 | 38.189 | 1.443 | 0.0 | 41.8 | 1.97 | 0.0 | 43.626 | 1.525 | 0.0 | 44.631 | 1.704 | 0.0 | 37.727 | 1.473 | 0.0 | 38.563 | 1.892 |
| 157 | 11498 | 11499 | NS | 1 | 0.0 | 46.781 | 4.449 | 0.0 | 46.405 | 5.961 | 0.0 | 41.124 | 4.675 | 0.0 | 42.745 | 6.131 | 0.0 | 47.67 | 4.52 | 0.0 | 46.162 | 5.9 | 0.0 | 40.759 | 4.796 | 0.0 | 45.178 | 6.259 |
| 158 | 11498 | 11499 | SN | 1 | 0.0 | 41.836 | 3.401 | 0.0 | 43.302 | 4.14 | 0.0 | 39.961 | 3.142 | 0.0 | 40.961 | 4.273 | 0.0 | 42.387 | 3.412 | 0.0 | 41.791 | 3.836 | 0.0 | 37.851 | 2.965 | 0.0 | 39.414 | 3.754 |
| 159 | 11498 | 11499 | SN | 1 | 0.0 | 45.486 | 0.856 | 0.0 | 40.302 | 1.231 | 0.0 | 46.577 | 1.085 | 0.0 | 39.869 | 1.446 | 0.0 | 45.904 | 0.838 | 0.0 | 38.893 | 1.071 | 0.0 | 50.281 | 0.998 | 0.0 | 36.012 | 1.193 |
| 160 | 11499 | 11500 | NS | 1 | 0.0 | 51.537 | 2.234 | 0.0 | 58.404 | 2.972 | 0.0 | 42.047 | 1.615 | 0.0 | 41.368 | 1.94 | 0.0 | 50.954 | 2.295 | 0.0 | 59.871 | 2.728 | 0.0 | 43.238 | 1.472 | 0.0 | 42.086 | 1.569 |
| 161 | 11499 | 11500 | SN | 1 | 0.0 | 12.775 | 0.0 | 0.0 | 42.439 | 2.619 | 0.0 | 7.407 | 0.0 | 0.0 | 39.968 | 3.945 | 0.0 | 12.243 | 0.0 | 0.0 | 43.777 | 2.381 | 0.0 | 6.755 | 0.0 | 0.0 | 42.528 | 3.187 |
| 162 | 11499 | 11500 | NS | 1 | 0.0 | 50.081 | 0.482 | 0.0 | 49.561 | 0.567 | 0.0 | 42.948 | 0.354 | 0.0 | 45.589 | 0.45 | 0.0 | 50.65 | 0.491 | 0.0 | 49.017 | 0.54 | 0.0 | 42.388 | 0.327 | 0.0 | 40.531 | 0.354 |
| 163 | 11499 | 11500 | SN | 1 | 0.0 | 33.247 | 0.816 | 0.0 | 39.168 | 2.69 | 0.0 | 42.846 | 2.519 | 0.0 | 43.485 | 5.715 | 0.0 | 33.735 | 0.918 | 0.0 | 38.813 | 2.646 | 0.0 | 40.486 | 1.815 | 0.0 | 41.32 | 3.851 |
| 164 | 11499 | 11500 | SN | 1 | 0.0 | 29.494 | 0.319 | 0.0 | 42.988 | 0.912 | 0.0 | 41.025 | 0.827 | 0.0 | 48.161 | 2.189 | 0.0 | 30.189 | 0.319 | 0.0 | 40.576 | 0.862 | 0.0 | 38.847 | 0.483 | 0.0 | 43.26 | 1.367 |
| 165 | 11499 | 11500 | SN | 1 | 0.0 | 10.759 | 0.0 | 0.0 | 34.777 | 0.284 | 0.0 | 8.213 | 0.0 | 0.0 | 32.219 | 0.791 | 0.0 | 8.881 | 0.0 | 0.0 | 35.515 | 0.227 | 0.0 | 5.786 | 0.0 | 0.0 | 29.516 | 0.554 |
| 166 | 11500 | 11501 | SN | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 167 | 11500 | 11501 | SN | 1 | 0.0 | 17.815 | 0.0 | 1.338 | 11.199 | 0.0 | 0.0 | 16.442 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 17.146 | 0.0 | 1.175 | 10.197 | 0.0 | 0.0 | 14.379 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 168 | 11500 | 11501 | SN | 1 | 0.0 | 11.864 | 0.0 | 0.0 | 8.963 | 0.0 | 0.0 | 14.933 | 0.0 | 0.989 | 0.989 | 0.0 | 0.0 | 12.051 | 0.0 | 0.0 | 8.716 | 0.0 | 0.0 | 14.826 | 0.0 | 0.935 | 0.935 | 0.0 |
| 169 | 11500 | 11501 | SN | 1 | 0.0 | 13.258 | 0.0 | 0.0 | 9.95 | 0.0 | 0.0 | 19.789 | 0.0 | 0.0 | 10.517 | 0.0 | 0.0 | 12.716 | 0.0 | 0.0 | 8.74 | 0.0 | 0.0 | 17.348 | 0.0 | 0.0 | 7.747 | 0.0 |
| 170 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 171 | 11500 | 11501 | SN | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 172 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 173 | 11500 | 11501 | SN | 1 | 0.0 | 11.369 | 0.0 | 0.0 | 8.731 | 0.0 | 0.0 | 16.135 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 10.261 | 0.0 | 0.0 | 8.77 | 0.0 | 0.0 | 14.339 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 174 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 175 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 176 | 11501 | 11502 | SN | 1 | 0.0 | 51.753 | 6.399 | 0.0 | 51.192 | 6.809 | 0.0 | 43.553 | 5.421 | 0.0 | 44.575 | 6.577 | 0.0 | 51.323 | 6.42 | 0.0 | 50.838 | 6.632 | 0.0 | 44.228 | 5.531 | 0.0 | 45.005 | 6.351 |
| 177 | 11501 | 11502 | NS | 1 | 0.0 | 41.161 | 0.703 | 0.0 | 43.164 | 1.054 | 0.0 | 44.775 | 0.831 | 0.0 | 40.643 | 1.102 | 0.0 | 40.808 | 0.667 | 0.0 | 41.63 | 0.947 | 0.0 | 42.563 | 0.762 | 0.0 | 39.314 | 0.86 |
| 178 | 11501 | 11502 | SN | 1 | 0.0 | 44.334 | 1.68 | 0.0 | 46.094 | 2.207 | 0.0 | 45.381 | 1.594 | 0.0 | 39.919 | 2.022 | 0.0 | 44.314 | 1.69 | 0.0 | 43.903 | 2.065 | 0.0 | 46.791 | 1.506 | 0.0 | 38.782 | 1.849 |
| 179 | 11501 | 11502 | NS | 1 | 0.0 | 43.109 | 2.6 | 0.0 | 45.921 | 3.715 | 0.0 | 43.4 | 2.696 | 0.0 | 44.495 | 3.344 | 0.0 | 44.364 | 2.63 | 0.0 | 46.26 | 3.43 | 0.0 | 42.684 | 2.561 | 0.0 | 44.987 | 2.937 |
| 180 | 11501 | 11502 | NS | 1 | 0.0 | 47.248 | 2.579 | 0.0 | 45.903 | 3.715 | 0.0 | 43.44 | 2.689 | 0.0 | 51.159 | 3.344 | 0.0 | 45.833 | 2.62 | 0.0 | 46.242 | 3.43 | 0.0 | 42.725 | 2.575 | 0.0 | 46.768 | 2.966 |
| 181 | 11501 | 11502 | SN | 1 | 0.0 | 51.753 | 6.198 | 0.0 | 51.192 | 6.64 | 0.0 | 43.553 | 5.292 | 0.0 | 44.575 | 6.392 | 0.0 | 51.323 | 6.218 | 0.0 | 50.838 | 6.457 | 0.0 | 44.228 | 5.398 | 0.0 | 45.005 | 6.158 |
| 182 | 11501 | 11502 | SN | 1 | 0.0 | 51.753 | 6.198 | 0.0 | 51.192 | 6.64 | 0.0 | 43.553 | 5.292 | 0.0 | 44.575 | 6.392 | 0.0 | 51.323 | 6.218 | 0.0 | 50.838 | 6.457 | 0.0 | 44.228 | 5.398 | 0.0 | 45.005 | 6.158 |
| 183 | 11501 | 11502 | SN | 1 | 0.0 | 44.334 | 1.628 | 0.0 | 46.094 | 2.14 | 0.0 | 45.381 | 1.556 | 0.0 | 39.919 | 1.953 | 0.0 | 44.314 | 1.637 | 0.0 | 43.903 | 2.002 | 0.0 | 46.791 | 1.471 | 0.0 | 38.782 | 1.788 |
| 184 | 11501 | 11502 | SN | 1 | 0.0 | 44.334 | 1.628 | 0.0 | 46.094 | 2.14 | 0.0 | 45.381 | 1.556 | 0.0 | 39.919 | 1.953 | 0.0 | 44.314 | 1.637 | 0.0 | 43.903 | 2.002 | 0.0 | 46.791 | 1.471 | 0.0 | 38.782 | 1.788 |
| 185 | 11501 | 11502 | NS | 1 | 0.0 | 41.161 | 0.696 | 0.0 | 43.146 | 1.045 | 0.0 | 38.319 | 0.817 | 0.0 | 50.609 | 1.105 | 0.0 | 40.808 | 0.658 | 0.0 | 41.612 | 0.934 | 0.0 | 38.824 | 0.748 | 0.0 | 46.029 | 0.853 |
| 186 | 11502 | 11503 | NS | 1 | 0.0 | 42.235 | 0.918 | 0.0 | 46.993 | 1.122 | 0.0 | 34.882 | 1.039 | 0.0 | 46.959 | 1.396 | 0.0 | 42.825 | 0.907 | 0.0 | 45.469 | 1.099 | 0.0 | 35.609 | 1.019 | 0.0 | 42.581 | 1.234 |
| 187 | 11502 | 11503 | SN | 1 | 0.0 | 55.191 | 7.57 | 0.0 | 57.527 | 7.837 | 0.0 | 52.729 | 5.571 | 0.0 | 47.751 | 6.421 | 0.0 | 56.258 | 7.678 | 0.0 | 55.26 | 7.598 | 0.0 | 50.074 | 5.274 | 0.0 | 47.283 | 5.987 |
| 188 | 11502 | 11503 | SN | 1 | 0.0 | 51.544 | 2.021 | 0.0 | 48.611 | 2.455 | 0.0 | 39.888 | 1.328 | 0.0 | 44.71 | 1.772 | 0.0 | 50.922 | 2.04 | 0.0 | 48.341 | 2.248 | 0.0 | 41.751 | 1.233 | 0.0 | 43.961 | 1.565 |
| 189 | 11502 | 11503 | SN | 1 | 0.0 | 51.544 | 1.889 | 0.0 | 48.611 | 2.303 | 0.0 | 39.888 | 1.245 | 0.0 | 44.71 | 1.668 | 0.0 | 50.922 | 1.907 | 0.0 | 48.341 | 2.102 | 0.0 | 41.751 | 1.152 | 0.0 | 43.961 | 1.465 |
| 190 | 11502 | 11503 | SN | 1 | 0.0 | 50.881 | 1.892 | 0.0 | 48.611 | 2.31 | 0.0 | 46.062 | 1.253 | 0.0 | 43.83 | 1.684 | 0.0 | 50.258 | 1.901 | 0.0 | 48.341 | 2.1 | 0.0 | 46.375 | 1.17 | 0.0 | 43.235 | 1.466 |
| 191 | 11502 | 11503 | NS | 1 | 0.0 | 61.928 | 2.914 | 0.0 | 49.98 | 4.112 | 0.0 | 46.758 | 3.285 | 0.0 | 46.232 | 4.299 | 0.0 | 62.452 | 2.904 | 0.0 | 49.263 | 3.918 | 0.0 | 44.137 | 3.293 | 0.0 | 41.723 | 4.071 |
| 192 | 11502 | 11503 | SN | 1 | 0.0 | 53.118 | 7.13 | 0.0 | 55.041 | 7.411 | 0.0 | 50.041 | 5.271 | 0.0 | 47.751 | 6.072 | 0.0 | 54.182 | 7.191 | 0.0 | 54.279 | 7.137 | 0.0 | 47.385 | 4.952 | 0.0 | 47.283 | 5.617 |
| 193 | 11502 | 11503 | SN | 1 | 0.0 | 55.191 | 7.099 | 0.0 | 57.527 | 7.421 | 0.0 | 52.729 | 5.257 | 0.0 | 47.751 | 6.065 | 0.0 | 56.258 | 7.191 | 0.0 | 55.26 | 7.137 | 0.0 | 50.074 | 4.952 | 0.0 | 47.283 | 5.603 |
| 194 | 11503 | 11504 | NS | 1 | 0.0 | 58.531 | 3.85 | 0.0 | 52.893 | 4.659 | 0.0 | 43.728 | 3.137 | 0.0 | 47.815 | 4.149 | 0.0 | 59.151 | 3.85 | 0.0 | 54.164 | 4.385 | 0.0 | 45.979 | 2.959 | 0.0 | 49.177 | 3.629 |
| 195 | 11503 | 11504 | SN | 1 | 0.0 | 49.241 | 1.014 | 0.0 | 41.376 | 1.31 | 0.0 | 42.785 | 1.018 | 0.0 | 43.929 | 1.236 | 0.0 | 49.263 | 1.012 | 0.0 | 42.235 | 1.226 | 0.0 | 42.328 | 0.963 | 0.0 | 41.833 | 1.06 |
| 196 | 11503 | 11504 | NS | 1 | 0.0 | 48.123 | 0.914 | 0.0 | 49.507 | 1.269 | 0.0 | 40.7 | 0.782 | 0.0 | 38.503 | 1.177 | 0.0 | 48.76 | 0.901 | 0.0 | 50.21 | 1.167 | 0.0 | 40.533 | 0.743 | 0.0 | 36.575 | 0.952 |
| 197 | 11503 | 11504 | SN | 1 | 0.0 | 50.036 | 4.232 | 0.0 | 49.991 | 4.687 | 0.0 | 48.03 | 3.404 | 0.0 | 42.276 | 4.131 | 0.0 | 48.768 | 4.202 | 0.0 | 49.697 | 4.291 | 0.0 | 47.615 | 3.419 | 0.0 | 43.23 | 3.576 |
| 198 | 11503 | 11504 | NS | 1 | 0.0 | 48.123 | 0.907 | 0.0 | 49.507 | 1.278 | 0.0 | 40.836 | 0.778 | 0.0 | 38.503 | 1.169 | 0.0 | 48.76 | 0.894 | 0.0 | 50.21 | 1.176 | 0.0 | 40.521 | 0.744 | 0.0 | 36.575 | 0.943 |
| 199 | 11503 | 11504 | NS | 1 | 0.0 | 58.531 | 3.85 | 0.0 | 52.893 | 4.649 | 0.0 | 43.726 | 3.151 | 0.0 | 47.815 | 4.142 | 0.0 | 59.151 | 3.85 | 0.0 | 54.163 | 4.374 | 0.0 | 45.979 | 2.959 | 0.0 | 49.177 | 3.622 |
| 200 | 11504 | 11505 | NS | 1 | 0.0 | 47.925 | 4.265 | 0.0 | 53.962 | 5.639 | 0.0 | 46.941 | 3.642 | 0.0 | 47.102 | 5.085 | 0.0 | 47.249 | 4.377 | 0.0 | 52.376 | 5.14 | 0.0 | 45.893 | 3.535 | 0.0 | 47.472 | 4.464 |
| 201 | 11504 | 11505 | NS | 1 | 0.0 | 47.926 | 4.286 | 0.0 | 53.769 | 5.628 | 0.0 | 46.941 | 3.634 | 0.0 | 47.08 | 5.092 | 0.0 | 47.249 | 4.387 | 0.0 | 52.184 | 5.17 | 0.0 | 45.895 | 3.542 | 0.0 | 47.449 | 4.486 |
| 202 | 11504 | 11505 | SN | 1 | 0.0 | 39.331 | 0.786 | 0.0 | 45.558 | 1.879 | 0.0 | 47.001 | 1.98 | 0.0 | 44.402 | 4.398 | 0.0 | 38.321 | 0.715 | 0.0 | 44.225 | 1.588 | 0.0 | 44.45 | 1.47 | 0.0 | 40.07 | 2.909 |
| 203 | 11504 | 11505 | SN | 1 | 0.0 | 36.631 | 1.795 | 0.0 | 47.745 | 5.092 | 0.0 | 38.33 | 4.576 | 0.0 | 41.486 | 9.782 | 0.0 | 36.185 | 1.615 | 0.0 | 48.902 | 4.451 | 0.0 | 35.42 | 3.689 | 0.0 | 38.005 | 7.415 |
| 204 | 11504 | 11505 | NS | 1 | 0.0 | 47.088 | 1.208 | 0.0 | 41.26 | 1.458 | 0.0 | 37.867 | 1.016 | 0.0 | 46.234 | 1.545 | 0.0 | 47.812 | 1.183 | 0.0 | 41.455 | 1.363 | 0.0 | 36.047 | 0.943 | 0.0 | 47.04 | 1.316 |
| 205 | 11504 | 11505 | NS | 1 | 0.0 | 47.088 | 1.203 | 0.0 | 41.26 | 1.456 | 0.0 | 37.867 | 1.002 | 0.0 | 46.234 | 1.535 | 0.0 | 47.812 | 1.19 | 0.0 | 41.455 | 1.354 | 0.0 | 36.047 | 0.929 | 0.0 | 47.04 | 1.323 |
| 206 | 11505 | 11506 | SN | 1 | 0.0 | 45.364 | 2.352 | 0.0 | 35.92 | 8.029 | 0.0 | 35.991 | 1.51 | 0.0 | 23.146 | 1.053 | 0.0 | 45.508 | 2.454 | 0.0 | 33.439 | 8.029 | 0.0 | 37.353 | 1.182 | 0.0 | 18.825 | 0.0 |
| 207 | 11505 | 11506 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 208 | 11505 | 11506 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 209 | 11505 | 11506 | SN | 1 | 0.0 | 38.998 | 0.566 | 0.0 | 35.627 | 1.789 | 0.0 | 28.346 | 0.316 | 0.0 | 23.7 | 0.576 | 0.0 | 39.149 | 0.519 | 0.0 | 33.993 | 1.301 | 0.0 | 28.637 | 0.282 | 0.0 | 18.641 | 0.0 |
| 210 | 11506 | 11507 | NS | 1 | 0.0 | 37.55 | 0.938 | 0.0 | 41.961 | 1.404 | 0.0 | 47.626 | 1.032 | 0.0 | 37.471 | 1.684 | 0.0 | 37.806 | 0.945 | 0.0 | 40.013 | 1.27 | 0.0 | 48.506 | 0.964 | 0.0 | 36.208 | 1.446 |
| 211 | 11506 | 11507 | SN | 1 | 0.0 | 55.794 | 0.439 | 0.0 | 43.763 | 0.537 | 0.0 | 42.994 | 0.595 | 0.0 | 40.293 | 0.749 | 0.0 | 55.397 | 0.462 | 0.0 | 43.697 | 0.476 | 0.0 | 45.357 | 0.515 | 0.0 | 38.906 | 0.556 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 212 | 11506 | 11507 | SN | 1 | 0.0 | 44.964 | 1.237 | 0.0 | 49.453 | 1.506 | 0.0 | 44.544 | 2.381 | 0.0 | 45.414 | 2.9 | 0.0 | 44.089 | 1.249 | 0.0 | 51.378 | 1.336 | 0.0 | 43.095 | 2.194 | 0.0 | 45.032 | 2.209 |
| 213 | 11506 | 11507 | NS | 1 | 0.0 | 58.022 | 3.666 | 0.0 | 47.204 | 4.651 | 0.0 | 44.119 | 3.378 | 0.0 | 40.117 | 4.514 | 0.0 | 58.921 | 3.646 | 0.0 | 45.029 | 4.509 | 0.0 | 41.437 | 3.279 | 0.0 | 39.533 | 4.122 |
| 214 | 11506 | 11507 | SN | 1 | 0.0 | 55.794 | 0.497 | 0.0 | 43.763 | 0.594 | 0.0 | 42.994 | 0.684 | 0.0 | 40.293 | 0.848 | 0.0 | 55.397 | 0.526 | 0.0 | 43.697 | 0.524 | 0.0 | 45.357 | 0.588 | 0.0 | 38.906 | 0.623 |
| 215 | 11506 | 11507 | SN | 1 | 0.0 | 47.378 | 1.063 | 0.0 | 49.453 | 1.339 | 0.0 | 44.544 | 2.056 | 0.0 | 45.414 | 2.588 | 0.0 | 46.268 | 1.063 | 0.0 | 51.378 | 1.167 | 0.0 | 43.095 | 1.872 | 0.0 | 45.032 | 1.969 |
| 216 | 11507 | 11508 | NS | 1 | 0.0 | 44.501 | 1.415 | 0.0 | 38.714 | 1.682 | 0.0 | 39.554 | 1.465 | 0.0 | 49.028 | 1.922 | 0.0 | 45.192 | 1.409 | 0.0 | 40.495 | 1.666 | 0.0 | 39.793 | 1.405 | 0.0 | 49.587 | 1.759 |
| 217 | 11507 | 11508 | SN | 1 | 0.0 | 49.204 | 2.411 | 0.0 | 53.064 | 3.022 | 0.0 | 44.557 | 3.035 | 0.0 | 46.342 | 3.289 | 0.0 | 50.747 | 2.447 | 0.0 | 52.739 | 2.974 | 0.0 | 45.872 | 2.835 | 0.0 | 49.31 | 2.93 |
| 218 | 11507 | 11508 | SN | 1 | 0.0 | 46.019 | 0.746 | 0.0 | 44.849 | 1.03 | 0.0 | 41.754 | 0.867 | 0.0 | 47.771 | 1.096 | 0.0 | 46.433 | 0.746 | 0.0 | 42.932 | 1.017 | 0.0 | 41.507 | 0.849 | 0.0 | 48.076 | 0.983 |
| 219 | 11507 | 11508 | NS | 1 | 0.0 | 48.327 | 4.447 | 0.0 | 54.1 | 5.048 | 0.0 | 43.636 | 4.452 | 0.0 | 41.648 | 5.449 | 0.0 | 50.066 | 4.396 | 0.0 | 52.787 | 4.855 | 0.0 | 44.906 | 4.53 | 0.0 | 41.375 | 5.135 |

| Parameter Specifications | Parameters | SNR | Sigma0 |
|---|---|---|---|
| | Range | 20.0 | 20.0 |

Normal
Alarming
Deviations
High Errors

| | | | | | Azimuth Angle | | | | | | | | | | | | Incidence Angle | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | | Inner Aft | | | Inner Fore | | | Outer Aft | | | Outer Fore | | |
| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) | Min | Max | BadOcc (%) |
| 1 | 11480 | 11481 | SN | 1 | 0.0 | 21.464 | 7.192 | 0.0 | 69.117 | 8.467 | 0.0 | 169.283 | 3.874 | 0.0 | 52.362 | 4.634 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 2 | 11480 | 11481 | SN | 1 | 0.0 | 21.464 | 6.926 | 0.0 | 171.293 | 8.378 | 0.0 | 169.266 | 3.589 | 0.0 | 52.362 | 4.648 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 3 | 11480 | 11481 | SN | 1 | 0.0 | 31.794 | 13.165 | 0.0 | 69.117 | 12.439 | 0.0 | 143.418 | 12.682 | 0.0 | 56.521 | 13.584 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.163 | 0.0 |
| 4 | 11480 | 11481 | SN | 1 | 0.0 | 31.794 | 13.02 | 0.0 | 69.117 | 12.874 | 0.0 | 143.418 | 11.923 | 0.0 | 61.134 | 14.275 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.163 | 0.0 |
| 5 | 11480 | 11481 | SN | 1 | 0.0 | 31.794 | 13.02 | 0.0 | 174.018 | 12.874 | 0.0 | 143.407 | 11.923 | 0.0 | 61.134 | 14.275 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.164 | 0.0 |
| 6 | 11480 | 11481 | SN | 1 | 0.0 | 21.464 | 6.928 | 0.0 | 69.117 | 8.373 | 0.0 | 169.283 | 3.592 | 0.0 | 52.362 | 4.648 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.163 | 0.0 |
| 7 | 11481 | 11482 | NS | 1 | 0.0 | 25.711 | 4.777 | 0.0 | 24.575 | 6.61 | 0.0 | 217.625 | 1.485 | 0.0 | 40.309 | 1.862 | 0.0 | 1.378 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 8 | 11481 | 11482 | SN | 1 | 0.0 | 31.678 | 13.021 | 0.0 | 237.539 | 12.865 | 0.0 | 156.466 | 11.926 | 0.0 | 171.448 | 14.233 | 0.0 | 1.427 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 9 | 11481 | 11482 | SN | 1 | 0.0 | 21.448 | 6.92 | 0.0 | 237.539 | 8.395 | 0.0 | 158.49 | 3.633 | 0.0 | 266.457 | 4.669 | 0.0 | 1.429 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 10 | 11481 | 11482 | NS | 1 | 0.0 | 22.049 | 11.244 | 0.0 | 31.463 | 13.413 | 0.0 | 215.143 | 8.459 | 0.0 | 39.669 | 10.317 | 0.0 | 1.385 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 11 | 11481 | 11482 | NS | 1 | 0.0 | 22.049 | 11.244 | 0.0 | 31.463 | 13.413 | 0.0 | 215.143 | 8.438 | 0.0 | 39.664 | 10.316 | 0.0 | 1.385 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.096 | 0.0 |
| 12 | 11481 | 11482 | SN | 1 | 0.0 | 31.678 | 13.021 | 0.0 | 237.539 | 12.865 | 0.0 | 156.466 | 11.926 | 0.0 | 171.448 | 14.233 | 0.0 | 1.427 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 13 | 11481 | 11482 | SN | 1 | 0.0 | 31.678 | 13.063 | 0.0 | 237.539 | 12.678 | 0.0 | 156.466 | 12.148 | 0.0 | 171.448 | 13.87 | 0.0 | 1.427 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 14 | 11481 | 11482 | SN | 1 | 0.0 | 21.448 | 6.92 | 0.0 | 237.539 | 8.395 | 0.0 | 158.49 | 3.633 | 0.0 | 266.457 | 4.669 | 0.0 | 1.429 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 15 | 11481 | 11482 | SN | 1 | 0.0 | 21.448 | 7.008 | 0.0 | 237.539 | 8.417 | 0.0 | 158.49 | 3.728 | 0.0 | 266.457 | 4.562 | 0.0 | 1.429 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 16 | 11481 | 11482 | NS | 1 | 0.0 | 25.711 | 4.777 | 0.0 | 24.575 | 6.615 | 0.0 | 261.971 | 1.491 | 0.0 | 40.309 | 1.864 | 0.0 | 1.378 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 17 | 11482 | 11483 | SN | 1 | 0.0 | 29.549 | 13.021 | 0.0 | 168.574 | 12.753 | 0.0 | 159.963 | 12.08 | 0.0 | 73.534 | 13.985 | 0.0 | 1.445 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 18 | 11482 | 11483 | NS | 1 | 0.0 | 221.596 | 11.244 | 0.0 | 31.518 | 13.363 | 0.0 | 260.449 | 8.395 | 0.0 | 60.091 | 10.366 | 0.0 | 1.384 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.099 | 0.0 |
| 19 | 11482 | 11483 | NS | 1 | 0.0 | 123.429 | 11.18 | 0.0 | 31.777 | 13.345 | 0.0 | 350.636 | 8.541 | 0.0 | 38.092 | 10.242 | 0.0 | 1.384 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.096 | 0.0 |
| 20 | 11482 | 11483 | SN | 1 | 0.0 | 29.549 | 13.009 | 0.0 | 132.015 | 12.782 | 0.0 | 160.045 | 12.058 | 0.0 | 119.899 | 14.035 | 0.0 | 1.438 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 21 | 11482 | 11483 | SN | 1 | 0.0 | 29.549 | 13.005 | 0.0 | 132.015 | 12.875 | 0.0 | 160.045 | 11.933 | 0.0 | 119.899 | 14.212 | 0.0 | 1.438 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.872 | 0.0 | 0.0 | 2.166 | 0.0 |
| 22 | 11482 | 11483 | NS | 1 | 0.0 | 141.937 | 4.693 | 0.0 | 24.569 | 6.599 | 0.0 | 274.559 | 1.485 | 0.0 | 41.357 | 1.85 | 0.0 | 1.376 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 23 | 11482 | 11483 | NS | 1 | 0.0 | 218.755 | 4.698 | 0.0 | 24.575 | 6.609 | 0.0 | 185.442 | 1.481 | 0.0 | 50.473 | 1.853 | 0.0 | 1.375 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.098 | 0.0 |
| 24 | 11482 | 11483 | SN | 1 | 0.0 | 21.459 | 6.984 | 0.0 | 24.746 | 8.429 | 0.0 | 155.148 | 3.652 | 0.0 | 152.625 | 4.599 | 0.0 | 1.43 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 25 | 11482 | 11483 | SN | 1 | 0.0 | 21.453 | 6.998 | 0.0 | 69.36 | 8.434 | 0.0 | 148.949 | 3.663 | 0.0 | 251.426 | 4.592 | 0.0 | 1.43 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 26 | 11482 | 11483 | SN | 1 | 0.0 | 21.453 | 6.955 | 0.0 | 69.36 | 8.424 | 0.0 | 148.949 | 3.614 | 0.0 | 251.426 | 4.67 | 0.0 | 1.43 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 27 | 11483 | 11484 | SN | 1 | 0.0 | 31.568 | 13.043 | 0.0 | 25.242 | 12.901 | 0.0 | 161.044 | 12.01 | 0.0 | 184.502 | 14.228 | 0.0 | 1.428 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.166 | 0.0 |
| 28 | 11483 | 11484 | NS | 1 | 0.0 | 123.467 | 11.172 | 0.0 | 31.783 | 13.301 | 0.0 | 112.68 | 8.422 | 0.0 | 38.98 | 10.245 | 0.0 | 1.382 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.096 | 0.0 |
| 29 | 11483 | 11484 | SN | 1 | 0.0 | 21.442 | 6.984 | 0.0 | 24.746 | 8.436 | 0.0 | 165.356 | 3.615 | 0.0 | 233.282 | 4.689 | 0.0 | 1.44 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.164 | 0.0 |
| 30 | 11483 | 11484 | SN | 1 | 0.0 | 21.442 | 6.984 | 0.0 | 24.746 | 8.436 | 0.0 | 165.356 | 3.615 | 0.0 | 233.282 | 4.687 | 0.0 | 1.44 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.164 | 0.0 |
| 31 | 11483 | 11484 | NS | 1 | 0.0 | 218.805 | 4.678 | 0.0 | 25.529 | 6.603 | 0.0 | 125.756 | 1.458 | 0.0 | 25.562 | 1.848 | 0.0 | 1.373 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 11483 | 11484 | SN | 1 | 0.0 | 31.568 | 13.043 | 0.0 | 25.242 | 12.901 | 0.0 | 161.044 | 12.01 | 0.0 | 184.502 | 14.228 | 0.0 | 1.428 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.166 | 0.0 |
| 33 | 11484 | 11485 | SN | 1 | 0.0 | 31.452 | 13.053 | 0.0 | 25.248 | 12.911 | 0.0 | 159.483 | 12.031 | 0.0 | 151.472 | 14.206 | 0.0 | 1.435 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.165 | 0.0 |
| 34 | 11484 | 11485 | NS | 1 | 0.0 | 218.882 | 4.694 | 0.0 | 24.564 | 6.615 | 0.0 | 209.793 | 1.454 | 0.0 | 46.105 | 1.872 | 0.0 | 1.37 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.097 | 0.0 |
| 35 | 11484 | 11485 | NS | 1 | 0.0 | 101.33 | 11.227 | 0.0 | 30.691 | 13.337 | 0.0 | 354.121 | 8.426 | 0.0 | 37.739 | 10.3 | 0.0 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.094 | 0.0 |
| 36 | 11484 | 11485 | SN | 1 | 0.0 | 31.452 | 13.073 | 0.0 | 25.242 | 12.891 | 0.0 | 159.51 | 12.031 | 0.0 | 62.485 | 14.185 | 0.0 | 1.435 | 0.0 | 0.0 | 1.81 | 0.0 | 0.0 | 1.871 | 0.0 | 0.0 | 2.164 | 0.0 |
| 37 | 11484 | 11485 | SN | 1 | 0.0 | 21.481 | 7.011 | 0.0 | 24.757 | 8.445 | 0.0 | 169.128 | 3.627 | 0.0 | 257.71 | 4.705 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 38 | 11484 | 11485 | NS | 1 | 0.0 | 218.882 | 4.694 | 0.0 | 24.564 | 6.615 | 0.0 | 209.793 | 1.454 | 0.0 | 46.105 | 1.872 | 0.0 | 1.37 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.097 | 0.0 |
| 39 | 11484 | 11485 | SN | 1 | 0.0 | 21.481 | 7.013 | 0.0 | 24.757 | 8.443 | 0.0 | 169.195 | 3.626 | 0.0 | 137.955 | 4.701 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.165 | 0.0 |
| 40 | 11484 | 11485 | NS | 1 | 0.0 | 101.33 | 11.227 | 0.0 | 30.691 | 13.337 | 0.0 | 354.121 | 8.426 | 0.0 | 37.739 | 10.3 | 0.0 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.094 | 0.0 |
| 41 | 11485 | 11486 | SN | 1 | 0.0 | 31.75 | 13.028 | 0.0 | 25.226 | 12.834 | 0.0 | 172.04 | 11.93 | 0.0 | 59.496 | 14.26 | 0.0 | 1.438 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.162 | 0.0 |
| 42 | 11485 | 11486 | NS | 1 | 0.0 | 236.447 | 4.732 | 0.0 | 25.518 | 6.633 | 0.0 | 288.007 | 1.466 | 0.0 | 23.599 | 1.856 | 0.0 | 1.37 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.098 | 0.0 |
| 43 | 11485 | 11486 | NS | 1 | 0.0 | 214.443 | 11.256 | 0.0 | 29.82 | 13.367 | 0.0 | 322.454 | 8.44 | 0.0 | 38.682 | 10.279 | 0.0 | 1.381 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.097 | 0.0 |
| 44 | 11485 | 11486 | SN | 1 | 0.0 | 31.75 | 13.064 | 0.0 | 25.226 | 12.549 | 0.0 | 172.04 | 12.295 | 0.0 | 15.591 | 13.758 | 0.0 | 1.438 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.162 | 0.0 |
| 45 | 11485 | 11486 | SN | 1 | 0.0 | 31.75 | 13.028 | 0.0 | 25.226 | 12.834 | 0.0 | 172.04 | 11.93 | 0.0 | 59.496 | 14.26 | 0.0 | 1.438 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.162 | 0.0 |
| 46 | 11485 | 11486 | NS | 1 | 0.0 | 264.673 | 4.746 | 0.0 | 24.564 | 6.626 | 0.0 | 288.007 | 1.466 | 0.0 | 23.593 | 1.854 | 0.0 | 1.372 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.098 | 0.0 |
| 47 | 11485 | 11486 | SN | 1 | 0.0 | 21.442 | 7.006 | 0.0 | 24.746 | 8.421 | 0.0 | 174.826 | 3.626 | 0.0 | 124.995 | 4.649 | 0.0 | 1.425 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.165 | 0.0 |
| 48 | 11485 | 11486 | SN | 1 | 0.0 | 21.442 | 7.142 | 0.0 | 24.746 | 8.461 | 0.0 | 174.826 | 3.767 | 0.0 | 14.207 | 4.587 | 0.0 | 1.425 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.165 | 0.0 |
| 49 | 11485 | 11486 | SN | 1 | 0.0 | 21.442 | 7.008 | 0.0 | 24.746 | 8.421 | 0.0 | 174.826 | 3.626 | 0.0 | 124.995 | 4.649 | 0.0 | 1.425 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.165 | 0.0 |
| 50 | 11485 | 11486 | NS | 1 | 0.0 | 210.367 | 11.256 | 0.0 | 29.82 | 13.357 | 0.0 | 322.454 | 8.419 | 0.0 | 38.693 | 10.272 | 0.0 | 1.381 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.097 | 0.0 |
| 51 | 11486 | 11487 | SN | 1 | 0.0 | 21.475 | 7.017 | 0.0 | 24.74 | 8.412 | 0.0 | 172.879 | 3.624 | 0.0 | 52.426 | 4.65 | 0.0 | 1.416 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.165 | 0.0 |
| 52 | 11486 | 11487 | NS | 1 | 0.0 | 22.054 | 11.244 | 0.0 | 31.358 | 13.352 | 0.0 | 335.524 | 8.316 | 0.0 | 38.638 | 10.302 | 0.0 | 1.382 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.095 | 0.0 |
| 53 | 11486 | 11487 | SN | 1 | 0.0 | 21.47 | 7.077 | 0.0 | 24.74 | 8.424 | 0.0 | 172.923 | 3.688 | 0.0 | 14.207 | 4.58 | 0.0 | 1.416 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.165 | 0.0 |
| 54 | 11486 | 11487 | NS | 1 | 0.0 | 22.027 | 11.204 | 0.0 | 29.809 | 13.347 | 0.0 | 335.524 | 8.404 | 0.0 | 52.889 | 10.321 | 0.0 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 2.093 | 0.0 |
| 55 | 11486 | 11487 | NS | 1 | 0.0 | 25.705 | 4.778 | 0.0 | 25.496 | 6.633 | 0.0 | 294.68 | 1.46 | 0.0 | 51.516 | 1.892 | 0.0 | 1.373 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 56 | 11486 | 11487 | NS | 1 | 0.0 | 25.694 | 4.78 | 0.0 | 25.496 | 6.646 | 0.0 | 300.14 | 1.45 | 0.0 | 37.557 | 1.879 | 0.0 | 1.374 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 57 | 11486 | 11487 | SN | 1 | 0.0 | 31.656 | 13.064 | 0.0 | 25.231 | 12.682 | 0.0 | 171.925 | 12.14 | 0.0 | 19.545 | 14.028 | 0.0 | 1.429 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.167 | 0.0 |
| 58 | 11486 | 11487 | SN | 1 | 0.0 | 21.47 | 7.017 | 0.0 | 24.74 | 8.405 | 0.0 | 172.923 | 3.624 | 0.0 | 52.448 | 4.653 | 0.0 | 1.416 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.165 | 0.0 |
| 59 | 11486 | 11487 | SN | 1 | 0.0 | 31.656 | 13.048 | 0.0 | 25.231 | 12.813 | 0.0 | 171.925 | 11.965 | 0.0 | 61.349 | 14.246 | 0.0 | 1.429 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.167 | 0.0 |
| 60 | 11486 | 11487 | SN | 1 | 0.0 | 31.651 | 13.048 | 0.0 | 25.231 | 12.824 | 0.0 | 171.875 | 11.944 | 0.0 | 61.327 | 14.239 | 0.0 | 1.427 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.167 | 0.0 |
| 61 | 11487 | 11488 | NS | 1 | 0.0 | 44.713 | 4.876 | 0.0 | 24.58 | 6.639 | 0.0 | 293.335 | 1.476 | 0.0 | 40.32 | 1.876 | 0.0 | 1.379 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 62 | 11487 | 11488 | NS | 1 | 0.767 | 42.479 | 11.275 | 0.0 | 29.847 | 13.393 | 0.0 | 330.561 | 8.487 | 0.0 | 39.664 | 10.331 | 0.002 | 1.382 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.095 | 0.0 |
| 63 | 11487 | 11488 | SN | 1 | 0.0 | 28.171 | 12.991 | 0.0 | 25.209 | 12.906 | 0.0 | 187.968 | 11.848 | 0.0 | 54.323 | 14.19 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.166 | 0.0 |
| 64 | 11487 | 11488 | SN | 1 | 0.0 | 21.475 | 6.943 | 0.0 | 173.869 | 8.397 | 0.0 | 186.859 | 3.612 | 0.0 | 129.181 | 4.661 | 0.0 | 1.43 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.166 | 0.0 |
| 65 | 11487 | 11488 | SN | 1 | 0.0 | 21.475 | 7.111 | 0.0 | 24.735 | 8.442 | 0.0 | 186.859 | 3.792 | 0.0 | 14.207 | 4.586 | 0.0 | 1.43 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.166 | 0.0 |
| 66 | 11487 | 11488 | SN | 1 | 0.0 | 28.171 | 12.991 | 0.0 | 25.209 | 12.906 | 0.0 | 187.968 | 11.848 | 0.0 | 54.323 | 14.19 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.166 | 0.0 |
| 67 | 11487 | 11488 | SN | 1 | 0.0 | 21.475 | 6.943 | 0.0 | 173.869 | 8.397 | 0.0 | 186.859 | 3.612 | 0.0 | 129.181 | 4.661 | 0.0 | 1.43 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.166 | 0.0 |
| 68 | 11487 | 11488 | SN | 1 | 0.0 | 28.171 | 13.047 | 0.0 | 25.209 | 12.566 | 0.0 | 187.968 | 12.288 | 0.0 | 15.591 | 13.594 | 0.0 | 1.43 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.864 | 0.0 | 0.0 | 2.166 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 11487 | 11488 | NS | 1 | 0.0 | 42.479 | 11.244 | 0.0 | 30.344 | 13.383 | 0.0 | 330.539 | 8.502 | 0.0 | 39.647 | 10.338 | 0.0 | 1.382 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.095 | 0.0 |
| 70 | 11487 | 11488 | NS | 1 | 0.0 | 44.713 | 4.883 | 0.0 | 24.58 | 6.642 | 0.0 | 293.417 | 1.485 | 0.0 | 40.342 | 1.869 | 0.0 | 1.379 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 71 | 11488 | 11489 | NS | 1 | 0.0 | 25.705 | 4.913 | 0.0 | 24.586 | 6.645 | 0.0 | 290.881 | 1.495 | 0.0 | 49.977 | 1.873 | 0.0 | 1.377 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.099 | 0.0 |
| 72 | 11488 | 11489 | SN | 1 | 0.0 | 28.126 | 13.221 | 0.0 | 79.038 | 12.371 | 0.0 | 194.045 | 12.689 | 0.0 | 96.515 | 13.4 | 0.0 | 1.441 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.166 | 0.0 |
| 73 | 11488 | 11489 | SN | 1 | 0.0 | 28.126 | 13.025 | 0.0 | 79.038 | 12.875 | 0.0 | 194.045 | 11.771 | 0.0 | 96.515 | 14.169 | 0.0 | 1.441 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.166 | 0.0 |
| 74 | 11488 | 11489 | SN | 1 | 0.0 | 28.126 | 13.025 | 0.0 | 79.038 | 12.875 | 0.0 | 194.045 | 11.771 | 0.0 | 96.515 | 14.169 | 0.0 | 1.441 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.866 | 0.0 | 0.0 | 2.166 | 0.0 |
| 75 | 11488 | 11489 | SN | 1 | 0.0 | 21.497 | 6.881 | 0.0 | 185.949 | 8.363 | 0.0 | 183.683 | 3.595 | 0.0 | 234.104 | 4.606 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.166 | 0.0 |
| 76 | 11488 | 11489 | NS | 1 | 0.767 | 22.032 | 11.244 | 0.0 | 29.847 | 13.424 | 0.0 | 337.708 | 8.409 | 0.0 | 40.756 | 10.345 | 0.002 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 77 | 11488 | 11489 | SN | 1 | 0.0 | 21.497 | 7.21 | 0.0 | 185.949 | 8.501 | 0.0 | 183.683 | 3.947 | 0.0 | 234.104 | 4.653 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.166 | 0.0 |
| 78 | 11488 | 11489 | NS | 1 | 0.0 | 22.032 | 11.158 | 0.0 | 31.844 | 13.436 | 0.0 | 327.23 | 8.584 | 0.0 | 42.565 | 10.37 | 0.0 | 1.383 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.097 | 0.0 |
| 79 | 11488 | 11489 | SN | 1 | 0.0 | 21.497 | 6.881 | 0.0 | 185.949 | 8.363 | 0.0 | 183.683 | 3.595 | 0.0 | 234.104 | 4.606 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.166 | 0.0 |
| 80 | 11489 | 11490 | SN | 1 | 0.0 | 31.463 | 12.982 | 0.0 | 220.366 | 12.881 | 0.0 | 180.975 | 11.739 | 0.0 | 50.308 | 14.1 | 0.0 | 1.431 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.159 | 0.0 |
| 81 | 11489 | 11490 | NS | 1 | 0.0 | 156.105 | 11.078 | 0.0 | 31.733 | 13.382 | 0.0 | 332.767 | 8.578 | 0.0 | 39.129 | 10.322 | 0.0 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.099 | 0.0 |
| 82 | 11489 | 11490 | NS | 1 | 0.0 | 190.248 | 4.925 | 0.0 | 24.58 | 6.663 | 0.0 | 314.81 | 1.497 | 0.0 | 25.694 | 1.871 | 0.0 | 1.377 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 83 | 11489 | 11490 | SN | 1 | 0.0 | 21.486 | 6.868 | 0.0 | 123.164 | 8.334 | 0.0 | 185.001 | 3.611 | 0.0 | 125.557 | 4.579 | 0.0 | 1.432 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 84 | 11490 | 11491 | SN | 1 | 0.0 | 21.492 | 6.861 | 0.0 | 24.746 | 8.32 | 0.0 | 175.978 | 3.588 | 0.0 | 72.729 | 4.573 | 0.0 | 1.422 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 85 | 11490 | 11491 | SN | 1 | 0.0 | 31.766 | 13.04 | 0.0 | 25.198 | 12.874 | 0.0 | 172.327 | 11.766 | 0.0 | 58.117 | 14.182 | 0.0 | 1.429 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.865 | 0.0 | 0.0 | 2.161 | 0.0 |
| 86 | 11490 | 11491 | NS | 1 | 0.0 | 197.812 | 4.954 | 0.0 | 24.575 | 6.648 | 0.0 | 332.701 | 1.484 | 0.0 | 69.362 | 1.886 | 0.0 | 1.379 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 87 | 11490 | 11491 | NS | 1 | 0.0 | 149.796 | 11.165 | 0.0 | 29.853 | 13.398 | 0.0 | 339.925 | 8.553 | 0.0 | 37.949 | 10.329 | 0.0 | 1.382 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.098 | 0.0 |
| 88 | 11491 | 11492 | NS | 1 | 0.0 | 25.711 | 4.978 | 0.0 | 24.58 | 6.65 | 0.0 | 324.897 | 1.503 | 0.0 | 19.005 | 1.849 | 0.0 | 1.378 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 89 | 11491 | 11492 | SN | 1 | 0.0 | 21.475 | 6.864 | 0.0 | 24.735 | 8.347 | 0.0 | 174.147 | 3.617 | 0.0 | 258.53 | 4.602 | 0.0 | 1.416 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 90 | 11491 | 11492 | NS | 1 | 0.0 | 168.905 | 11.135 | 0.0 | 31.331 | 13.381 | 0.0 | 333.947 | 8.59 | 0.0 | 29.891 | 10.37 | 0.0 | 1.382 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.099 | 0.0 |
| 91 | 11491 | 11492 | NS | 1 | 0.0 | 25.711 | 4.972 | 0.0 | 24.58 | 6.656 | 0.0 | 324.897 | 1.498 | 0.0 | 20.45 | 1.876 | 0.0 | 1.378 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 92 | 11491 | 11492 | SN | 1 | 0.0 | 21.475 | 6.864 | 0.0 | 24.735 | 8.347 | 0.0 | 174.147 | 3.617 | 0.0 | 258.53 | 4.602 | 0.0 | 1.416 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 93 | 11491 | 11492 | SN | 1 | 0.0 | 31.673 | 13.061 | 0.0 | 25.198 | 12.834 | 0.0 | 171.908 | 11.738 | 0.0 | 59.446 | 14.161 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.164 | 0.0 |
| 94 | 11491 | 11492 | SN | 1 | 0.0 | 31.673 | 13.061 | 0.0 | 25.198 | 12.834 | 0.0 | 171.908 | 11.738 | 0.0 | 59.446 | 14.161 | 0.0 | 1.428 | 0.0 | 0.0 | 1.806 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.164 | 0.0 |
| 95 | 11491 | 11492 | NS | 1 | 0.0 | 168.905 | 11.143 | 0.0 | 31.331 | 13.408 | 0.0 | 333.947 | 8.566 | 0.0 | 38.815 | 10.415 | 0.0 | 1.382 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.797 | 0.0 | 0.0 | 2.099 | 0.0 |
| 96 | 11492 | 11493 | SN | 1 | 0.0 | 43.888 | 13.132 | 0.0 | 25.226 | 12.878 | 0.0 | 178.101 | 11.873 | 0.0 | 60.979 | 14.149 | 0.0 | 1.437 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.164 | 0.0 |
| 97 | 11492 | 11493 | SN | 1 | 0.0 | 99.491 | 6.884 | 0.0 | 24.724 | 8.333 | 0.0 | 173.193 | 3.635 | 0.0 | 138.655 | 4.587 | 0.0 | 1.418 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 98 | 11492 | 11493 | NS | 1 | 0.612 | 42.628 | 11.183 | 0.0 | 29.875 | 13.506 | 0.0 | 335.171 | 8.535 | 0.0 | 38.699 | 10.503 | 0.002 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.095 | 0.0 |
| 99 | 11492 | 11493 | NS | 1 | 0.0 | 157.95 | 5.024 | 0.0 | 24.597 | 6.663 | 0.0 | 324.279 | 1.524 | 0.0 | 51.725 | 1.86 | 0.0 | 1.381 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 100 | 11492 | 11493 | NS | 1 | 0.0 | 269.4 | 11.256 | 0.0 | 29.847 | 13.058 | 0.0 | 335.188 | 8.705 | 0.0 | 14.455 | 9.979 | 0.0 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.096 | 0.0 |
| 101 | 11492 | 11493 | NS | 1 | 0.0 | 25.733 | 5.067 | 0.0 | 24.575 | 6.648 | 0.0 | 324.312 | 1.562 | 0.0 | 11.752 | 1.693 | 0.0 | 1.381 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 102 | 11492 | 11493 | NS | 1 | 0.0 | 25.733 | 5.036 | 0.0 | 24.575 | 6.663 | 0.0 | 324.312 | 1.515 | 0.0 | 51.747 | 1.867 | 0.0 | 1.381 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.098 | 0.0 |
| 103 | 11492 | 11493 | SN | 1 | 0.0 | 99.491 | 6.884 | 0.0 | 24.724 | 8.333 | 0.0 | 173.193 | 3.635 | 0.0 | 138.655 | 4.587 | 0.0 | 1.418 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 104 | 11492 | 11493 | NS | 1 | 0.618 | 269.4 | 11.183 | 0.0 | 29.847 | 13.517 | 0.0 | 335.188 | 8.536 | 0.0 | 38.71 | 10.545 | 0.002 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.096 | 0.0 |
| 105 | 11492 | 11493 | SN | 1 | 0.0 | 43.888 | 13.132 | 0.0 | 25.226 | 12.878 | 0.0 | 178.101 | 11.873 | 0.0 | 60.979 | 14.149 | 0.0 | 1.437 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.164 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 11493 | 11494 | NS | 1 | 0.0 | 25.722 | 5.081 | 0.0 | 24.575 | 6.665 | 0.0 | 139.116 | 1.52 | 0.0 | 26.549 | 1.869 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.1 | 0.0 |
| 107 | 11493 | 11494 | NS | 1 | 0.0 | 25.722 | 5.174 | 0.0 | 24.575 | 6.57 | 0.0 | 139.116 | 1.63 | 0.0 | 11.769 | 1.679 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.1 | 0.0 |
| 108 | 11493 | 11494 | SN | 1 | 0.0 | 21.486 | 6.814 | 0.0 | 24.724 | 8.321 | 0.0 | 192.573 | 3.591 | 0.0 | 172.865 | 4.583 | 0.0 | 1.427 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 109 | 11493 | 11494 | SN | 1 | 0.0 | 28.033 | 13.002 | 0.0 | 25.204 | 12.886 | 0.0 | 166.001 | 11.721 | 0.0 | 186.051 | 14.133 | 0.0 | 1.439 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.161 | 0.0 |
| 110 | 11493 | 11494 | SN | 1 | 0.0 | 28.033 | 13.002 | 0.0 | 25.204 | 12.886 | 0.0 | 166.001 | 11.721 | 0.0 | 186.051 | 14.133 | 0.0 | 1.439 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.86 | 0.0 | 0.0 | 2.161 | 0.0 |
| 111 | 11493 | 11494 | NS | 1 | 0.0 | 22.021 | 11.131 | 0.0 | 29.853 | 13.485 | 0.0 | 217.548 | 8.594 | 0.0 | 39.752 | 10.888 | 0.0 | 1.386 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 112 | 11493 | 11494 | SN | 1 | 0.0 | 21.486 | 6.814 | 0.0 | 24.724 | 8.321 | 0.0 | 192.573 | 3.591 | 0.0 | 172.865 | 4.583 | 0.0 | 1.427 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 113 | 11493 | 11494 | NS | 1 | 0.0 | 22.021 | 11.131 | 0.0 | 29.853 | 13.495 | 0.0 | 129.661 | 8.594 | 0.0 | 39.741 | 10.881 | 0.0 | 1.386 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 114 | 11493 | 11494 | NS | 1 | 0.0 | 25.722 | 5.078 | 0.0 | 24.575 | 6.66 | 0.0 | 171.481 | 1.522 | 0.0 | 26.555 | 1.875 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.1 | 0.0 |
| 115 | 11493 | 11494 | NS | 1 | 0.0 | 22.021 | 11.236 | 0.0 | 29.853 | 12.772 | 0.0 | 121.493 | 8.984 | 0.0 | 13.545 | 9.894 | 0.0 | 1.386 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.096 | 0.0 |
| 116 | 11494 | 11495 | SN | 1 | 0.0 | 28.099 | 13.282 | 0.0 | 25.204 | 12.414 | 0.0 | 155.126 | 12.574 | 0.0 | 243.286 | 13.316 | 0.0 | 1.43 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.158 | 0.0 |
| 117 | 11494 | 11495 | SN | 1 | 0.0 | 21.486 | 7.108 | 0.0 | 24.735 | 8.445 | 0.0 | 162.599 | 3.934 | 0.0 | 77.626 | 4.578 | 0.0 | 1.434 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 118 | 11494 | 11495 | NS | 1 | 0.0 | 257.013 | 5.3 | 0.0 | 24.569 | 6.582 | 0.0 | 351.843 | 1.742 | 0.0 | 11.775 | 1.708 | 0.0 | 1.379 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.099 | 0.0 |
| 119 | 11494 | 11495 | SN | 1 | 0.0 | 28.099 | 13.076 | 0.0 | 25.204 | 12.906 | 0.0 | 155.126 | 11.694 | 0.0 | 266.157 | 14.084 | 0.0 | 1.43 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.158 | 0.0 |
| 120 | 11494 | 11495 | SN | 1 | 0.0 | 28.099 | 13.076 | 0.0 | 25.204 | 12.906 | 0.0 | 155.126 | 11.694 | 0.0 | 266.157 | 14.084 | 0.0 | 1.43 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.859 | 0.0 | 0.0 | 2.158 | 0.0 |
| 121 | 11494 | 11495 | NS | 1 | 0.0 | 270.911 | 11.076 | 0.0 | 31.827 | 13.528 | 0.0 | 349.345 | 8.612 | 0.0 | 41.798 | 11.205 | 0.0 | 1.386 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.099 | 0.0 |
| 122 | 11494 | 11495 | SN | 1 | 0.0 | 21.486 | 6.799 | 0.0 | 24.735 | 8.311 | 0.0 | 162.599 | 3.595 | 0.0 | 111.285 | 4.542 | 0.0 | 1.434 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 123 | 11494 | 11495 | SN | 1 | 0.0 | 21.486 | 6.799 | 0.0 | 24.735 | 8.313 | 0.0 | 162.599 | 3.595 | 0.0 | 111.285 | 4.546 | 0.0 | 1.434 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 124 | 11494 | 11495 | NS | 1 | 0.0 | 257.013 | 5.108 | 0.0 | 24.569 | 6.677 | 0.0 | 351.843 | 1.536 | 0.0 | 48.631 | 1.876 | 0.0 | 1.379 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.099 | 0.0 |
| 125 | 11494 | 11495 | NS | 1 | 0.0 | 257.592 | 5.11 | 0.0 | 24.602 | 6.675 | 0.0 | 351.832 | 1.531 | 0.0 | 48.598 | 1.878 | 0.0 | 1.378 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.099 | 0.0 |
| 126 | 11494 | 11495 | NS | 1 | 0.0 | 270.911 | 11.38 | 0.0 | 29.853 | 12.601 | 0.0 | 349.362 | 9.514 | 0.0 | 12.988 | 9.964 | 0.0 | 1.386 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.099 | 0.0 |
| 127 | 11494 | 11495 | NS | 1 | 0.0 | 270.911 | 11.147 | 0.0 | 31.822 | 13.518 | 0.0 | 349.362 | 8.648 | 0.0 | 41.815 | 11.184 | 0.0 | 1.386 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.099 | 0.0 |
| 128 | 11495 | 11496 | NS | 1 | 0.0 | 25.716 | 5.149 | 0.0 | 24.591 | 6.673 | 0.0 | 125.844 | 1.51 | 0.0 | 23.163 | 1.876 | 0.0 | 1.381 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.1 | 0.0 |
| 129 | 11495 | 11496 | NS | 1 | 0.0 | 25.716 | 5.147 | 0.0 | 24.591 | 6.678 | 0.0 | 125.877 | 1.515 | 0.0 | 23.157 | 1.874 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.1 | 0.0 |
| 130 | 11495 | 11496 | SN | 1 | 0.0 | 21.497 | 6.798 | 0.0 | 24.735 | 8.276 | 0.0 | 157.983 | 3.617 | 0.0 | 191.362 | 4.522 | 0.0 | 1.423 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 131 | 11495 | 11496 | SN | 1 | 0.0 | 31.369 | 13.217 | 0.0 | 25.187 | 12.893 | 0.0 | 147.46 | 11.69 | 0.0 | 56.192 | 14.022 | 0.0 | 1.429 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.16 | 0.0 |
| 132 | 11495 | 11496 | SN | 1 | 0.0 | 21.497 | 6.971 | 0.0 | 24.735 | 8.327 | 0.0 | 157.983 | 3.809 | 0.0 | 191.362 | 4.461 | 0.0 | 1.423 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 133 | 11495 | 11496 | NS | 1 | 0.0 | 41.647 | 11.078 | 0.0 | 31.811 | 13.524 | 0.0 | 112.619 | 8.656 | 0.0 | 39.223 | 11.049 | 0.0 | 1.384 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.1 | 0.0 |
| 134 | 11495 | 11496 | NS | 1 | 0.0 | 22.032 | 11.058 | 0.0 | 31.811 | 13.524 | 0.0 | 112.542 | 8.671 | 0.0 | 39.239 | 11.085 | 0.0 | 1.384 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.1 | 0.0 |
| 135 | 11495 | 11496 | SN | 1 | 0.0 | 21.497 | 6.798 | 0.0 | 24.735 | 8.276 | 0.0 | 157.983 | 3.617 | 0.0 | 191.362 | 4.522 | 0.0 | 1.423 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 136 | 11495 | 11496 | SN | 1 | 0.0 | 31.369 | 13.217 | 0.0 | 25.187 | 12.893 | 0.0 | 147.46 | 11.69 | 0.0 | 56.192 | 14.022 | 0.0 | 1.429 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.16 | 0.0 |
| 137 | 11495 | 11496 | SN | 1 | 0.0 | 31.369 | 13.313 | 0.0 | 25.187 | 12.512 | 0.0 | 147.46 | 12.174 | 0.0 | 15.58 | 13.483 | 0.0 | 1.429 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.87 | 0.0 | 0.0 | 2.16 | 0.0 |
| 138 | 11496 | 11497 | NS | 1 | 0.0 | 217.092 | 5.108 | 0.0 | 24.586 | 6.673 | 0.0 | 352.334 | 1.504 | 0.0 | 23.384 | 1.887 | 0.0 | 1.379 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.099 | 0.0 |
| 139 | 11496 | 11497 | SN | 1 | 0.0 | 31.353 | 13.154 | 0.0 | 25.187 | 12.892 | 0.0 | 144.532 | 11.719 | 0.0 | 57.913 | 14.064 | 0.0 | 1.428 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.163 | 0.0 |
| 140 | 11496 | 11497 | NS | 1 | 0.728 | 222.445 | 11.11 | 0.0 | 31.816 | 13.544 | 0.0 | 350.277 | 8.678 | 0.0 | 44.809 | 10.9 | 0.002 | 1.384 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.1 | 0.0 |
| 141 | 11496 | 11497 | SN | 1 | 0.0 | 21.497 | 6.858 | 0.0 | 24.718 | 8.292 | 0.0 | 155.898 | 3.72 | 0.0 | 14.207 | 4.454 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 142 | 11496 | 11497 | SN | 1 | 0.0 | 31.353 | 13.173 | 0.0 | 25.187 | 12.72 | 0.0 | 144.532 | 11.868 | 0.0 | 18.944 | 13.843 | 0.0 | 1.428 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.163 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 11496 | 11497 | SN | 1 | 0.0 | 21.497 | 6.8 | 0.0 | 24.718 | 8.282 | 0.0 | 155.898 | 3.656 | 0.0 | 47.264 | 4.542 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 144 | 11496 | 11497 | SN | 1 | 0.0 | 21.497 | 6.8 | 0.0 | 24.718 | 8.28 | 0.0 | 155.898 | 3.656 | 0.0 | 47.264 | 4.542 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.164 | 0.0 |
| 145 | 11496 | 11497 | SN | 1 | 0.0 | 31.353 | 13.154 | 0.0 | 25.187 | 12.892 | 0.0 | 144.532 | 11.719 | 0.0 | 57.913 | 14.064 | 0.0 | 1.428 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.881 | 0.0 | 0.0 | 2.163 | 0.0 |
| 146 | 11497 | 11498 | SN | 1 | 0.0 | 31.629 | 13.19 | 0.0 | 69.216 | 12.766 | 0.0 | 167.353 | 11.77 | 0.0 | 19.854 | 13.965 | 0.0 | 1.434 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.167 | 0.0 |
| 147 | 11497 | 11498 | SN | 1 | 0.0 | 21.503 | 6.841 | 0.0 | 69.216 | 8.322 | 0.0 | 175.94 | 3.683 | 0.0 | 14.207 | 4.482 | 0.0 | 1.426 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 148 | 11497 | 11498 | NS | 1 | 0.0 | 25.733 | 5.044 | 0.0 | 24.586 | 6.667 | 0.0 | 134.26 | 1.505 | 0.0 | 28.579 | 1.865 | 0.0 | 1.383 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 149 | 11497 | 11498 | SN | 1 | 0.0 | 21.503 | 6.841 | 0.0 | 69.216 | 8.322 | 0.0 | 175.94 | 3.683 | 0.0 | 14.207 | 4.482 | 0.0 | 1.426 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 150 | 11497 | 11498 | SN | 1 | 0.0 | 31.629 | 13.172 | 0.0 | 69.216 | 12.868 | 0.0 | 167.353 | 11.639 | 0.0 | 60.031 | 14.156 | 0.0 | 1.434 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.167 | 0.0 |
| 151 | 11497 | 11498 | NS | 1 | 0.0 | 22.027 | 11.082 | 0.0 | 31.369 | 13.388 | 0.0 | 354.419 | 8.639 | 0.0 | 38.169 | 10.537 | 0.0 | 1.382 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.098 | 0.0 |
| 152 | 11497 | 11498 | NS | 1 | 0.0 | 22.027 | 11.092 | 0.0 | 31.369 | 13.388 | 0.0 | 354.419 | 8.624 | 0.0 | 38.186 | 10.536 | 0.0 | 1.383 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.798 | 0.0 | 0.0 | 2.098 | 0.0 |
| 153 | 11497 | 11498 | NS | 1 | 0.0 | 155.672 | 5.06 | 0.0 | 24.586 | 6.665 | 0.0 | 178.799 | 1.516 | 0.0 | 28.59 | 1.878 | 0.0 | 1.383 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 154 | 11497 | 11498 | SN | 1 | 0.0 | 21.503 | 6.794 | 0.0 | 69.216 | 8.31 | 0.0 | 175.94 | 3.631 | 0.0 | 115.211 | 4.57 | 0.0 | 1.426 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 155 | 11497 | 11498 | SN | 1 | 0.0 | 31.629 | 13.19 | 0.0 | 69.216 | 12.766 | 0.0 | 167.353 | 11.77 | 0.0 | 19.854 | 13.965 | 0.0 | 1.434 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.167 | 0.0 |
| 156 | 11498 | 11499 | NS | 1 | 0.0 | 25.716 | 5.039 | 0.0 | 24.58 | 6.638 | 0.0 | 272.593 | 1.509 | 0.0 | 34.557 | 1.887 | 0.0 | 1.378 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 157 | 11498 | 11499 | NS | 1 | 0.0 | 22.027 | 11.102 | 0.0 | 31.391 | 13.388 | 0.0 | 354.584 | 8.56 | 0.0 | 38.897 | 10.458 | 0.0 | 1.383 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.796 | 0.0 | 0.0 | 2.098 | 0.0 |
| 158 | 11498 | 11499 | SN | 1 | 0.0 | 31.645 | 13.14 | 0.0 | 25.193 | 12.908 | 0.0 | 162.279 | 11.703 | 0.0 | 61.569 | 14.077 | 0.0 | 1.428 | 0.0 | 0.0 | 1.809 | 0.0 | 0.0 | 1.863 | 0.0 | 0.0 | 2.166 | 0.0 |
| 159 | 11498 | 11499 | SN | 1 | 0.0 | 21.497 | 6.821 | 0.0 | 24.724 | 8.317 | 0.0 | 156.819 | 3.638 | 0.0 | 112.74 | 4.591 | 0.0 | 1.418 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.164 | 0.0 |
| 160 | 11499 | 11500 | NS | 1 | 0.0 | 22.027 | 11.223 | 0.0 | 29.858 | 13.506 | 0.0 | 141.849 | 8.593 | 0.0 | 39.736 | 10.589 | 0.0 | 1.383 | 0.0 | 0.0 | 1.744 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.094 | 0.0 |
| 161 | 11499 | 11500 | SN | 1 | 0.0 | 30.823 | 69.565 | 0.0 | 19.611 | 5.952 | 0.0 | 186.887 | 37.5 | 0.0 | 11.052 | 1.821 | 0.0 | 1.327 | 0.0 | 0.0 | 1.729 | 0.0 | 0.0 | 0.776 | 0.0 | 0.0 | 2.082 | 0.0 |
| 162 | 11499 | 11500 | NS | 1 | 0.0 | 263.358 | 5.058 | 0.0 | 24.586 | 6.663 | 0.0 | 264.784 | 1.485 | 0.0 | 40.508 | 1.882 | 0.0 | 1.378 | 0.0 | 0.0 | 1.745 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.098 | 0.0 |
| 163 | 11499 | 11500 | SN | 1 | 0.0 | 30.823 | 17.704 | 0.0 | 23.792 | 11.067 | 0.0 | 186.887 | 17.043 | 0.0 | 13.826 | 6.418 | 0.0 | 1.426 | 0.0 | 0.0 | 1.778 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.134 | 0.0 |
| 164 | 11499 | 11500 | SN | 1 | 0.0 | 21.161 | 7.068 | 0.0 | 22.832 | 6.026 | 0.0 | 186.142 | 3.567 | 0.0 | 11.537 | 1.967 | 0.0 | 1.413 | 0.0 | 0.0 | 1.777 | 0.0 | 0.0 | 1.821 | 0.0 | 0.0 | 2.136 | 0.0 |
| 165 | 11499 | 11500 | SN | 1 | 0.0 | 20.306 | 32.857 | 0.0 | 15.335 | 3.008 | 0.0 | 186.142 | 34.783 | 0.0 | 9.458 | 0.0 | 0.0 | 1.306 | 0.0 | 0.0 | 1.727 | 0.0 | 0.0 | 1.343 | 0.0 | 0.0 | 2.083 | 0.0 |
| 166 | 11500 | 11501 | SN | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 167 | 11500 | 11501 | SN | 1 | 0.0 | 17.869 | 6.419 | 2.294 | 17.041 | 40.0 | 0.0 | 10.087 | 1.068 | 100000.0 | -100000.0 | 0.0 | 0.0 | 1.306 | 0.0 | 0.001 | 1.019 | 0.0 | 0.0 | 1.751 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 168 | 11500 | 11501 | SN | 1 | 0.0 | 18.646 | 6.834 | 0.0 | 18.983 | 55.0 | 0.0 | 11.124 | 1.567 | 1.279 | 1.279 | 0.0 | 0.0 | 1.309 | 0.0 | 0.0 | 1.434 | 0.0 | 0.0 | 1.753 | 0.0 | 0.002 | 0.002 | 0.0 |
| 169 | 11500 | 11501 | SN | 1 | 0.0 | 14.493 | 2.137 | 0.0 | 16.032 | 30.303 | 0.0 | 9.392 | 0.0 | 0.0 | 35.296 | 5.556 | 0.0 | 1.304 | 0.0 | 0.0 | 1.491 | 0.0 | 0.0 | 1.751 | 0.0 | 0.0 | 0.862 | 0.0 |
| 170 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 171 | 11500 | 11501 | SN | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 172 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 173 | 11500 | 11501 | SN | 1 | 0.0 | 14.107 | 1.888 | 0.0 | 11.526 | 13.636 | 0.0 | 9.111 | 0.0 | 100000.0 | -100000.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 1.303 | 0.0 | 0.0 | 1.749 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 174 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 175 | 11500 | 11501 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 176 | 11501 | 11502 | SN | 1 | 0.0 | 31.402 | 13.175 | 0.0 | 25.187 | 12.585 | 0.0 | 169.68 | 12.035 | 0.0 | 171.249 | 13.689 | 0.0 | 1.427 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.163 | 0.0 |
| 177 | 11501 | 11502 | NS | 1 | 0.0 | 25.705 | 5.165 | 0.0 | 24.575 | 6.662 | 0.0 | 318.009 | 1.477 | 0.0 | 23.058 | 1.901 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.099 | 0.0 |
| 178 | 11501 | 11502 | SN | 1 | 0.0 | 21.503 | 6.915 | 0.0 | 24.718 | 8.344 | 0.0 | 165.709 | 3.73 | 0.0 | 142.113 | 4.417 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 179 | 11501 | 11502 | NS | 1 | 0.0 | 22.021 | 11.017 | 0.0 | 31.761 | 13.536 | 0.0 | 314.893 | 8.663 | 0.0 | 39.096 | 11.036 | 0.0 | 1.383 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.099 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 11501 | 11502 | NS | 1 | 0.0 | 22.027 | 11.026 | 0.0 | 31.761 | 13.536 | 0.0 | 314.854 | 8.656 | 0.0 | 39.085 | 11.022 | 0.0 | 1.383 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.099 | 0.0 |
| 181 | 11501 | 11502 | SN | 1 | 0.0 | 31.402 | 13.115 | 0.0 | 25.187 | 12.853 | 0.0 | 169.68 | 11.761 | 0.0 | 171.249 | 14.1 | 0.0 | 1.427 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.163 | 0.0 |
| 182 | 11501 | 11502 | SN | 1 | 0.0 | 31.402 | 13.115 | 0.0 | 25.187 | 12.853 | 0.0 | 169.68 | 11.761 | 0.0 | 171.249 | 14.1 | 0.0 | 1.427 | 0.0 | 0.0 | 1.808 | 0.0 | 0.0 | 1.867 | 0.0 | 0.0 | 2.163 | 0.0 |
| 183 | 11501 | 11502 | SN | 1 | 0.0 | 21.503 | 6.814 | 0.0 | 24.718 | 8.314 | 0.0 | 165.709 | 3.617 | 0.0 | 142.113 | 4.515 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 184 | 11501 | 11502 | SN | 1 | 0.0 | 21.503 | 6.814 | 0.0 | 24.718 | 8.314 | 0.0 | 165.709 | 3.617 | 0.0 | 142.113 | 4.515 | 0.0 | 1.415 | 0.0 | 0.0 | 1.805 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.165 | 0.0 |
| 185 | 11501 | 11502 | NS | 1 | 0.0 | 25.711 | 5.158 | 0.0 | 24.575 | 6.655 | 0.0 | 317.959 | 1.488 | 0.0 | 23.053 | 1.896 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.099 | 0.0 |
| 186 | 11502 | 11503 | NS | 1 | 0.0 | 271.71 | 5.226 | 0.0 | 24.586 | 6.676 | 0.0 | 334.168 | 1.497 | 0.0 | 23.637 | 1.857 | 0.0 | 1.378 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 2.099 | 0.0 |
| 187 | 11502 | 11503 | SN | 1 | 0.0 | 31.298 | 13.176 | 0.0 | 25.193 | 12.457 | 0.0 | 170.358 | 12.266 | 0.0 | 129.561 | 13.361 | 0.0 | 1.443 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.161 | 0.0 |
| 188 | 11502 | 11503 | SN | 1 | 0.0 | 21.514 | 6.957 | 0.0 | 24.713 | 8.343 | 0.0 | 179.232 | 3.822 | 0.0 | 67.915 | 4.465 | 0.0 | 1.417 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 189 | 11502 | 11503 | SN | 1 | 0.0 | 21.514 | 6.732 | 0.0 | 24.713 | 8.266 | 0.0 | 179.232 | 3.567 | 0.0 | 67.915 | 4.491 | 0.0 | 1.417 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 190 | 11502 | 11503 | SN | 1 | 0.0 | 21.514 | 6.732 | 0.0 | 24.713 | 8.268 | 0.0 | 179.232 | 3.567 | 0.0 | 67.915 | 4.493 | 0.0 | 1.417 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 191 | 11502 | 11503 | NS | 1 | 0.0 | 201.011 | 11.077 | 0.0 | 29.88 | 13.556 | 0.0 | 325.939 | 8.69 | 0.0 | 39.344 | 11.178 | 0.0 | 1.384 | 0.0 | 0.0 | 1.748 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.097 | 0.0 |
| 192 | 11502 | 11503 | SN | 1 | 0.0 | 31.298 | 13.054 | 0.0 | 25.193 | 12.904 | 0.0 | 170.358 | 11.627 | 0.0 | 129.561 | 14.007 | 0.0 | 1.443 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.161 | 0.0 |
| 193 | 11502 | 11503 | SN | 1 | 0.0 | 31.298 | 13.054 | 0.0 | 25.193 | 12.904 | 0.0 | 170.358 | 11.627 | 0.0 | 129.561 | 14.007 | 0.0 | 1.443 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.88 | 0.0 | 0.0 | 2.161 | 0.0 |
| 194 | 11503 | 11504 | NS | 1 | 0.0 | 42.617 | 11.051 | 0.0 | 31.364 | 13.632 | 0.0 | 334.587 | 8.715 | 0.0 | 38.473 | 11.3 | 0.0 | 1.383 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.1 | 0.0 |
| 195 | 11503 | 11504 | SN | 1 | 0.0 | 21.531 | 6.714 | 0.0 | 24.718 | 8.24 | 0.0 | 180.997 | 3.515 | 0.0 | 116.518 | 4.448 | 0.0 | 1.428 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.163 | 0.0 |
| 196 | 11503 | 11504 | NS | 1 | 0.0 | 96.857 | 5.247 | 0.0 | 24.597 | 6.679 | 0.0 | 325.857 | 1.539 | 0.0 | 34.149 | 1.858 | 0.0 | 1.382 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.1 | 0.0 |
| 197 | 11503 | 11504 | SN | 1 | 0.0 | 31.606 | 13.162 | 0.0 | 25.17 | 12.844 | 0.0 | 177.908 | 11.625 | 0.0 | 59.909 | 14.014 | 0.0 | 1.434 | 0.0 | 0.0 | 1.807 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.164 | 0.0 |
| 198 | 11503 | 11504 | NS | 1 | 0.0 | 96.857 | 5.251 | 0.0 | 24.597 | 6.677 | 0.0 | 325.857 | 1.537 | 0.0 | 34.149 | 1.855 | 0.0 | 1.38 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.099 | 0.0 |
| 199 | 11503 | 11504 | NS | 1 | 0.0 | 42.617 | 11.061 | 0.0 | 31.364 | 13.632 | 0.0 | 334.587 | 8.715 | 0.0 | 38.473 | 11.293 | 0.0 | 1.383 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.1 | 0.0 |
| 200 | 11504 | 11505 | NS | 1 | 0.0 | 22.038 | 11.151 | 0.0 | 31.761 | 13.557 | 0.0 | 331.305 | 8.606 | 0.0 | 35.704 | 11.218 | 0.0 | 1.385 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.095 | 0.0 |
| 201 | 11504 | 11505 | NS | 1 | 0.0 | 22.038 | 11.14 | 0.0 | 31.761 | 13.557 | 0.0 | 331.3 | 8.606 | 0.0 | 35.699 | 11.225 | 0.0 | 1.385 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.095 | 0.0 |
| 202 | 11504 | 11505 | SN | 1 | 0.0 | 21.183 | 7.372 | 0.0 | 22.92 | 8.307 | 0.0 | 186.881 | 4.147 | 0.0 | 134.158 | 4.398 | 0.0 | 1.414 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.879 | 0.0 | 0.0 | 2.162 | 0.0 |
| 203 | 11504 | 11505 | SN | 1 | 0.0 | 31.491 | 14.28 | 0.0 | 23.792 | 11.524 | 0.0 | 179.094 | 14.489 | 0.0 | 134.158 | 11.965 | 0.0 | 1.438 | 0.0 | 0.0 | 1.803 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.163 | 0.0 |
| 204 | 11504 | 11505 | NS | 1 | 0.0 | 25.716 | 5.223 | 0.0 | 24.591 | 6.668 | 0.0 | 325.173 | 1.518 | 0.0 | 47.352 | 1.903 | 0.0 | 1.384 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.1 | 0.0 |
| 205 | 11504 | 11505 | NS | 1 | 0.0 | 25.716 | 5.225 | 0.0 | 24.591 | 6.668 | 0.0 | 325.178 | 1.522 | 0.0 | 47.352 | 1.905 | 0.0 | 1.384 | 0.0 | 0.0 | 1.746 | 0.0 | 0.0 | 1.801 | 0.0 | 0.0 | 2.1 | 0.0 |
| 206 | 11505 | 11506 | SN | 1 | 0.0 | 25.308 | 8.793 | 0.0 | 25.082 | 43.066 | 0.0 | 12.558 | 5.187 | 0.0 | 13.666 | 36.842 | 0.0 | 1.317 | 0.0 | 0.0 | 1.681 | 0.0 | 0.0 | 1.786 | 0.0 | 0.0 | 2.012 | 0.0 |
| 207 | 11505 | 11506 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 208 | 11505 | 11506 | NS | 1 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 | 100000.0 | -100000.0 | 0.0 |
| 209 | 11505 | 11506 | SN | 1 | 0.0 | 21.531 | 4.596 | 0.0 | 19.518 | 21.951 | 0.0 | 11.372 | 1.628 | 0.0 | 10.688 | 10.951 | 0.0 | 1.318 | 0.0 | 0.0 | 1.675 | 0.0 | 0.0 | 1.795 | 0.0 | 0.0 | 1.999 | 0.0 |
| 210 | 11506 | 11507 | NS | 1 | 0.0 | 256.114 | 5.26 | 0.0 | 24.597 | 6.67 | 0.0 | 285.492 | 1.511 | 0.0 | 50.363 | 1.889 | 0.0 | 1.383 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 2.1 | 0.0 |
| 211 | 11506 | 11507 | SN | 1 | 0.0 | 21.531 | 6.694 | 0.0 | 24.713 | 8.246 | 0.0 | 171.539 | 3.542 | 0.0 | 134.163 | 4.467 | 0.0 | 1.413 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 212 | 11506 | 11507 | SN | 1 | 0.0 | 31.419 | 13.614 | 0.0 | 25.071 | 12.246 | 0.0 | 183.65 | 13.292 | 0.0 | 134.163 | 13.321 | 0.0 | 1.433 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.163 | 0.0 |
| 213 | 11506 | 11507 | NS | 1 | 0.0 | 149.625 | 11.1 | 0.0 | 31.75 | 13.588 | 0.0 | 335.679 | 8.655 | 0.0 | 37.656 | 11.539 | 0.0 | 1.384 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.799 | 0.0 | 0.0 | 2.095 | 0.0 |
| 214 | 11506 | 11507 | SN | 1 | 0.0 | 21.531 | 7.317 | 0.0 | 24.713 | 8.621 | 0.0 | 171.539 | 4.156 | 0.0 | 134.163 | 4.795 | 0.0 | 1.413 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.877 | 0.0 | 0.0 | 2.162 | 0.0 |
| 215 | 11506 | 11507 | SN | 1 | 0.0 | 31.419 | 13.116 | 0.0 | 168.392 | 12.906 | 0.0 | 183.65 | 11.594 | 0.0 | 134.163 | 14.084 | 0.0 | 1.433 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.862 | 0.0 | 0.0 | 2.163 | 0.0 |
| 216 | 11507 | 11508 | NS | 1 | 0.0 | 235.16 | 5.264 | 0.0 | 97.77 | 6.774 | 0.0 | 289.706 | 1.524 | 0.0 | 77.094 | 2.036 | 0.0 | 1.384 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.889 | 0.0 | 0.0 | 2.1 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Deviations
Alarming
High Errors

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 11507 | 11508 | SN | 1 | 0.0 | 31.369 | 13.61 | 0.0 | 94.287 | 12.325 | 0.0 | 185.933 | 13.13 | 0.0 | 15.563 | 13.241 | 0.0 | 1.439 | 0.0 | 0.0 | 1.802 | 0.0 | 0.0 | 1.861 | 0.0 | 0.0 | 2.163 | 0.0 |
| 218 | 11507 | 11508 | SN | 1 | 0.0 | 21.525 | 7.24 | 0.0 | 24.707 | 8.569 | 0.0 | 178.212 | 4.084 | 0.0 | 14.201 | 4.773 | 0.0 | 1.431 | 0.0 | 0.0 | 1.804 | 0.0 | 0.0 | 1.878 | 0.0 | 0.0 | 2.162 | 0.0 |
| 219 | 11507 | 11508 | NS | 1 | 0.0 | 193.083 | 11.098 | 0.0 | 79.256 | 13.954 | 0.0 | 330.605 | 8.761 | 0.0 | 76.686 | 11.931 | 0.0 | 1.385 | 0.0 | 0.0 | 1.747 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 2.095 | 0.0 |

| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle |
|---|---|---|---|
| | Range | 10.0 | 3.0 |

Normal
Alarming
Deviations
High Errors